(11/2001)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

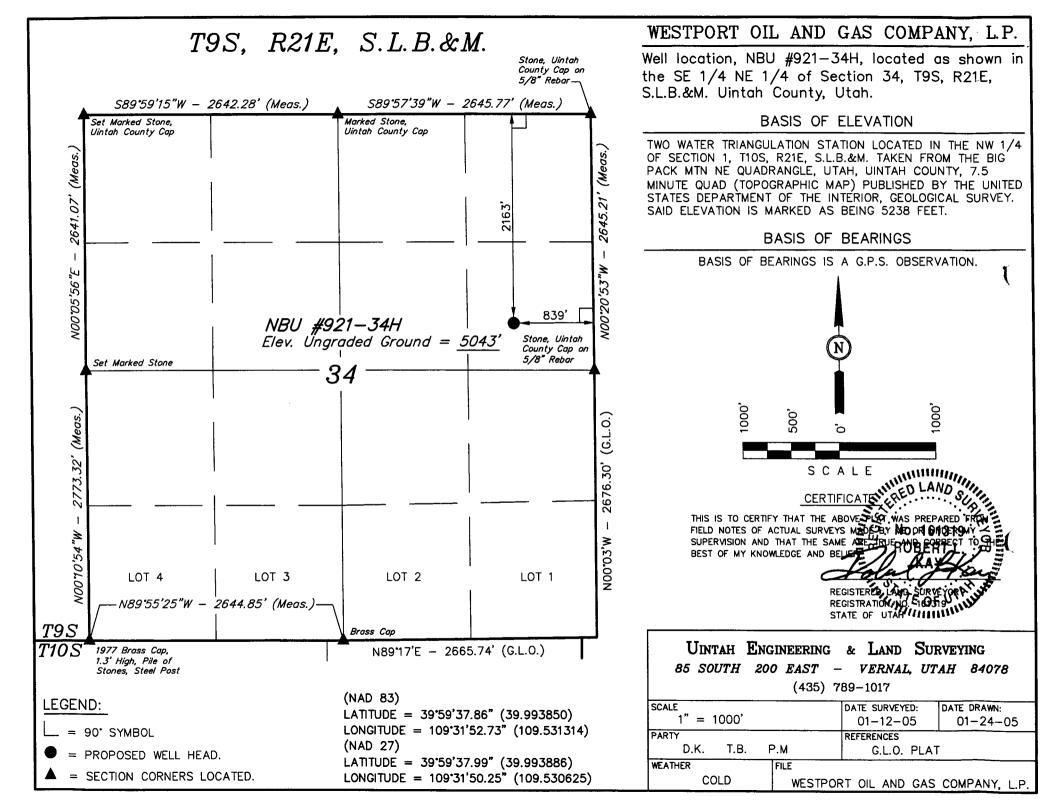
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AMENDED REPORT

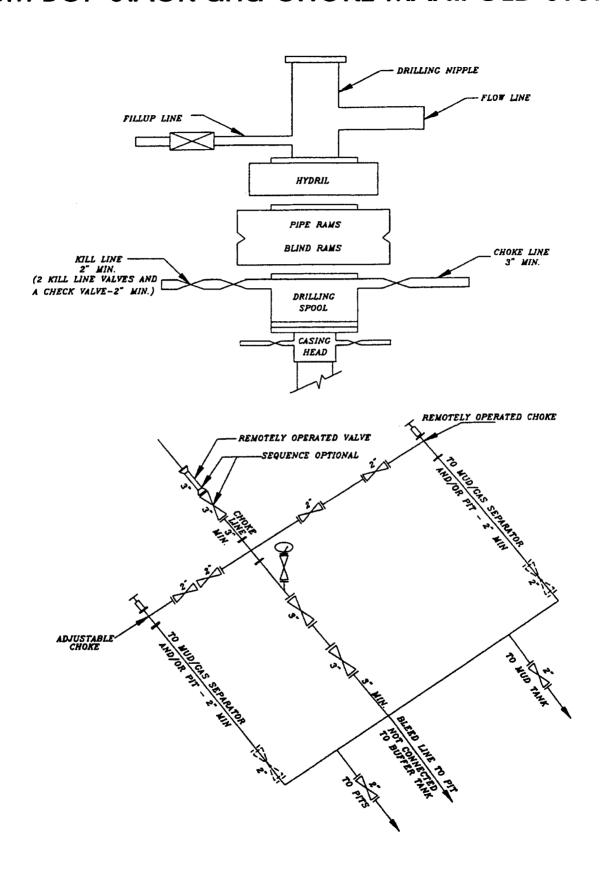
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A T							-	GAS & MYMIGI	hiight	changes)
		APPLICA	TION FOR	PERMIT TO	DRILL	D	1V. OF	GAS & W. S GIMINERAL LEASE NO. STUO-1194-AS		6. SURFACE: State
1A. TYPE OF WO	ork: D	RILL 🔽	REENTER [DEEPEN				7. IF INDIAN, ALLOTTEE	OR TE	(IBE NAME:
B. TYPE OF WE	DEPIND DE		IE 🔽	8. UNIT or CA AGREEM 891008900A	PNT NA	ME:				
2. NAME OF OPE		AS COMPA	NY, L.P.					9. WELL NAME and NUM NBU 921-34H	/IBER:	
3. ADDRESS OF	OPERATOR:		•	LIT 04	0.70			10. FIELD AND POOL, C		
								NATURAL BU		
	,	•	6254	42×	39.99	3810		MERIDIAN:		
			4427	18944 .	109.5	30431		SENE 34	9S 	21E
								12. COUNTY:		13. STATE: UTAH
								UINTAH		
15. DISTANCE TO 839'	O NEAREST PRO	PERTY OR LEAS	E LINE (FEET)	16. NUMBER O	F ACRES IN LEA		17. N	UMBER OF ACRES ASSIG	SNED I	40
	O NEAREST WEL	L (DRILLING, CO	MPLETED, OR	19. PROPOSED	DEPTH:	1292.59	20. B	OND DESCRIPTION:		
REFER TO	R) ON THIS LEAS O TOPO C	E (FEET)					s ⁻	TATE SURETY F	RLBO	005236
	•		(C.):	22. APPROXIMA	ATE DATE WORK	(WILL START:		BE DETERMIN	IED	
24.			PROPO	SED CASING A	ND CEMEN	TING PROGRAM				
SIZE OF HOLE	CASING SIZE,	, GRADE, AND W	EIGHT PER FOOT	SETTING DEPTH		CEMENT TYPE, QU	IANTITY,	YIELD, AND SLURRY WE	IGHT	
12 1/4"	9 5/8"	32.3#	H-40, STC	2,500	PREM C	ИT	20	55 SX 1	.18	15.6
7 7/8"	4 1/2"	11.6#	I-80, LTC	9,643	PREM LI	ΓΕΙΙ	53	30 SX 3	3.38	11.0
					50/50 PO	Z G	13	50 SX 1	.31	14.3
					<u> </u>					A
		··-			ļ					
25.				ATTA	CHMENTS					
VERIFY THE FO	LLOWING AREAT	TACHED IN ACC	ORDANCEWITH THE	E UTAH OIL AND GAS C	ONSERVATION	GENERAL RULES:				
✓ WELL PL	AT OR MAP PRE	PARED BY LICEN	ISED SURVEYOR OR	ENGINEER	 ✓ co	MPLETE DRILLING PLAN				
EVIDENC	CE OF DIVISION (OF WATER RIGH	TS APPROVAL FOR U	JSE OF WATER	☐ FO	RM 5, IF OPERATOR IS PI	ERSON (OR COMPANY OTHER THA	AN THE	: LEASE OWNER
-	DERE	2A DOMEN	IICI			FNVIRONME	NTAI	ASSISTANT		
NAME (PLEASE SIGNATURE	PRINT) DEB!	<u></u>	~ /			3/11/2005				
	ate use only)		uma_							
API NUMBER AS	SSIGNED:	13-047	-36390		APPROVAL	. * !	Jtah	oved by the Division of s and Mining	3	1000

(See Instructions on Reverse Side)



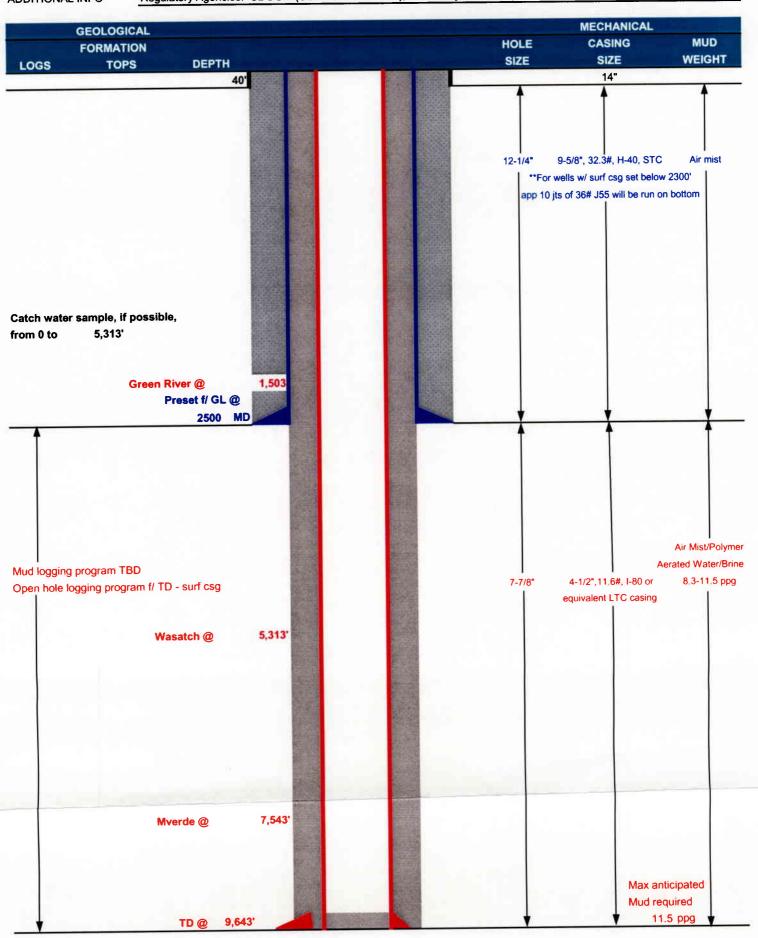
5M BOP STACK and CHOKE MANIFOLD SYSTEM





Westport Oil and Gas Company, L.P. DRILLING PROGRAM

April 21, 2005 Westport Oil and Gas Co., L.P. **COMPANY NAME** MD/TVD 9,643' **NBU 921-34H** WELL NAME ELEVATION 5,043' GL KB 5,058' STATE Utah Natural Buttes **COUNTY Uintah FIELD** SENE SECTION 34-T9S-R21E 2163'FNL & 839'FEL BHL Straight Hole SURFACE LOCATION 39.993850 109.531314 Longitude: Latitude: Wasatch/Mesaverde **OBJECTIVE ZONE(S)** Regulatory Agencies: UDOGM (SURF & MINERALS), Tri-County Health Dept. ADDITIONAL INFO





Westport Oil and Gas Company, L.P. **DRILLING PROGRAM**

CASING PROGRAM

									JESIGN FACT	JKS
	SIZE	IN	ITERV.	AL.	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to	2100	32.30	H-40	STC		1.39	3.59
								3520	2020	564000
	9-5/8"	2100	to	2500	36.00	J-55	STC		1.73	7.98
	=						1	7780	6350	201000
PRODUCTION	4-1/2"	0	to	9643	11.60	I-80	LTC	2.13	1.10	2.06
					1			L		

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

11.5 ppg)

.22 psi/ft = gradient for partially evac wellbore

DATE: ___

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP

3645 psi

CEMENT PROGRAM

(Burst Assumptions: TD =

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ ,25 pps flocels				
TOP OL	JT CMT (1)	250	20 gals sodium silicate + Premium cmt	100		15.60	1.18
		·	+ 2% CaCl + .25 pps flocels				
TOP OL	JT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to surfa	ce, option 2	2 will be util	ized	
Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite	230	35%	11.00	3.82
			+.25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		.	+ .25 pps flocele				
TOP	OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
			tours and the second of the				
PRODUCTION	LEAD	4,813'	Premium Lite II + 3% KCI + 0.25 pps	530	60%	11.00	3.38
			celloftake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	4,830'	50/50 Poz/G + 10% salt + 2% gel	1350	60%	14.30	1.31
			+.1% R-3				

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.						
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.						

AD

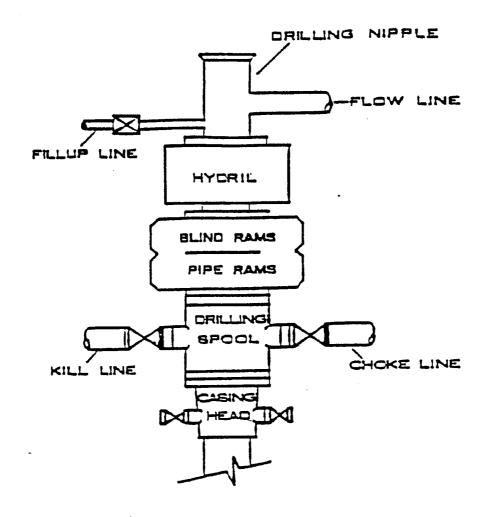
	Test casing head to 750 psi af	ter installing. Test surface casing to 1	,500 psi prior to drilling out.
•			ular to 2,500 psi) prior to drilling out. Record on chart recorder &
•	tour sheet. Function test rams	on each trip. Maintain safety valve &	inside BOP on rig floor at all times. Kelly to be equipped with upper
,	& lower kelly valves.		
·	Drop Totco surveys every 200	0'. Maximum allowable hole angle is 5	5 degrees.
RII I ING	ENGINEER:		DATE:
) (L		Brad Laney	

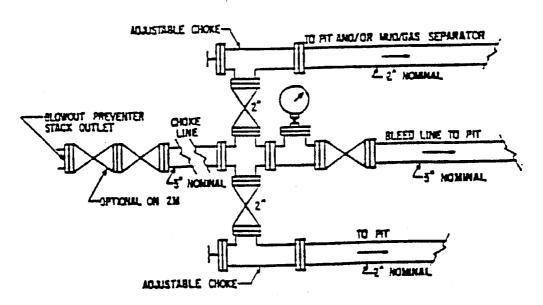
DRILLING SUPERINTENDENT:

Randy Bayne NBU921-34H_APD(pipeline).xls

^{*}Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

EOP STACK





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

March 18, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Natural Buttes Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Mesaverde)

```
43-047-36388 NBU 921-34L Sec 34 T09S R21E 2586 FSL 0379 FWL
43-047-36389 NBU 921-34K Sec 34 T09S R21E 2543 FSL 2274 FWL
43-047-36390 NBU 921-34H Sec 34 T09S R21E 2163 FNL 0839 FEL
43-047-36391 NBU 921-33F Sec 33 T09S R21E 1797 FNL 1844 FWL
43-047-36392 NBU 921-33G Sec 33 T09S R21E 1713 FNL 1754 FEL
43-047-36393 NBU 921-33I Sec 33 T09S R21E 2240 FSL 0878 FEL
43-047-36394 NBU 921-33J Sec 33 T09S R21E 2113 FSL 1951 FEL
43-047-36395 NBU 921-33K Sec 33 T09S R21E 2066 FSL 1926 FWL
43-047-36396 NBU 921-33P Sec 33 T09S R21E 0885 FSL 0719 FEL
43-047-36397 NBU 922-36C Sec 36 T09S R22E 0720 FNL 1768 FWL
43-047-36398 NBU 922-36G Sec 36 T09S R22E 2471 FNL 2464 FEL
43-047-36399 NBU 922-36H Sec 36 T09S R22E 2546 FNL 1059 FEL
43-047-36400 NBU 922-36N Sec 36 T09S R22E 0059 FSL 2066 FWL
43-047-36401 NBU 922-360 Sec 36 T09S R22E 1202 FSL 2116 FEL
43-047-36402 NBU 1022-12I Sec 12 T10S R22E 2297 FSL 1046 FEL
43-047-36403 NBU 1022-12P Sec 12 T10S R22E 1083 FSL 0462 FEL
```

This office has no objection to permitting the wells at this time.

NBU #921-34H SENE Sec. 34, T9S-R21E Uintah County, UT STUO-1194-AST

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 20' of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities will be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities & Pipelines

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes

will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 1100' of high pressure and 600' of low pressure up to 8" pipeline is proposed. The pipeline will be butt-welded together. Refer to Topo D for the proposed pipeline.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 16 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey will be submitted when it is received by our office.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Debra Domenici Environmental Assistant Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Operations Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

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Surface Use & Operations Plan

Page 6

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Delra Domenici 3/11/05
Date

NBU #921-34H SENE SECTION 34-T9S-R21E UINTAH COUNTY, UTAH LEASE NUMBER: STUO-1194-AST

ONSHORE ORDER NO. 1 WESTPORT OIL & GAS COMPANY

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1503'
Wasatch	5313'
Mesa Verde	7543'
Total Depth	9643'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1503'
Gas	Wasatch	5313'
	Mesa Verde	7543'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment:

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure at 9643' TD approximately equals 3857.2 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1735.74 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates & Notification of Operations:

Please refer to the attached Drilling Program.

9. <u>Variances</u>:

Please refer to the attached Drilling Program.

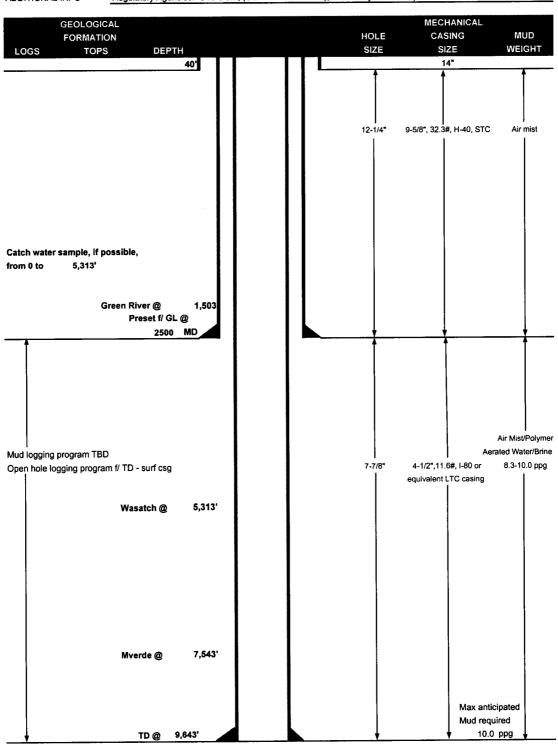
10. Other Information:

Please refer to the attached Drilling Program.



Westport Oil and Gas Company, L.P. <u>DRILLING PROGRAM</u>

COMPANY NAME	Westport Oil and Gas Co., L.P.	DATE	March 1,	March 1, 2005			
WELL NAME	NBU 921-34H	TD	9,643'	MD/TVD			
FIELD LOVE	COUNTY Uintah STATE U	tah	ELEVATION	5,043' GL	KE	5,058'	
SURFACE LOCATION	SENE SECTION 34-T9S-21E 2163'FNL & 839'	FEL			BHL	Straight Hole	
	Latitude: 39.991922 Longitude: 109.5	38444					
OBJECTIVE ZONE(S)	Wasatch/Mesaverde						
ADDITIONAL INFO	Regulatory Agencies: UTDOGM, (SURF & MIN	ERALS),	Tri-County Hea	lth Dept.			





CASING PROGRAM

									DESIGN FACTO	ORS
	SIZE	IN'	TERVA	AL.	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to	2500	32.30	H-40	STC	0, 78****** 7780	1.17 6350	3.59 201000
PRODUCTION	4-1/2"	0	to	9643	11.60	1-80	LTC	2.69	1.27	2.06

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

.22 psi/ft = gradient for partially evac wellbore

DATE:

(Burst Assumptions: TD =

10.0 ppg)

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2893 psi

Burst SF is low but esg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele				
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCl + .25 pps flocele	1			
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to s	urface, op	tion 2 will b	e utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
		+.25 pps Flocele + 3% salt BWOC	İ			
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.	•	15.60	1.18
PRODUCTION LEAD	4,813'	Premium Lite II + 3% KCI + 0.25 pps	530	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				
		+ 0.5% extender	1			
TAIL	4,830'	50/50 Poz/G + 10% salt + 2% gel	1350	60%	14.30	1.31
		+.1% R-3	<u> </u>			L

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

DRILLING SUPERINTENDENT:

DRILLING

Test casing head to 75	0 psi after installing. Test surface casing to 1,500 psi	prior to drilling out.
		,500 psi) prior to drilling out. Record on chart recorder &
tour sheet. Function te	est rams on each trip. Maintain safety valve & inside E	SOP on rig floor at all times. Kelly to be equipped with upper
& lower kelly valves.		
Drop Totco surveys ev	ery 2000'. Maximum allowable hole angle is 5 degree	98.
ENGINEER:		DATE:
	Brad Laney	

Randy Bayne

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #921-34H SECTION 34, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATLEY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATLEY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATLEY 400' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATLEY 20' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.5 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #921-34H

LOCATED IN UINTAH COUNTY, UTAH SECTION 34, T9S, R21E, S.L.B.&M.

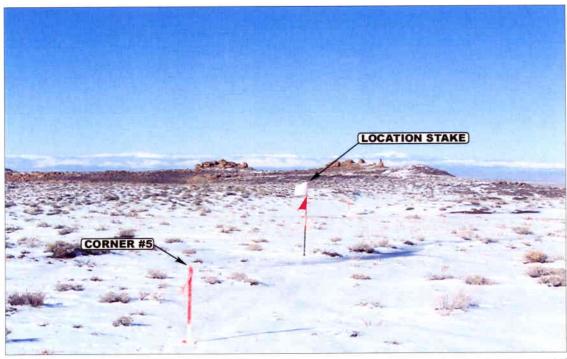


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

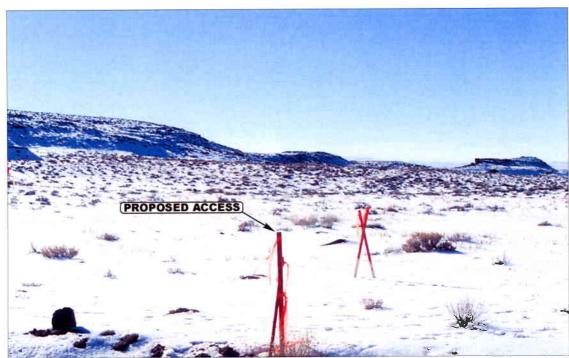
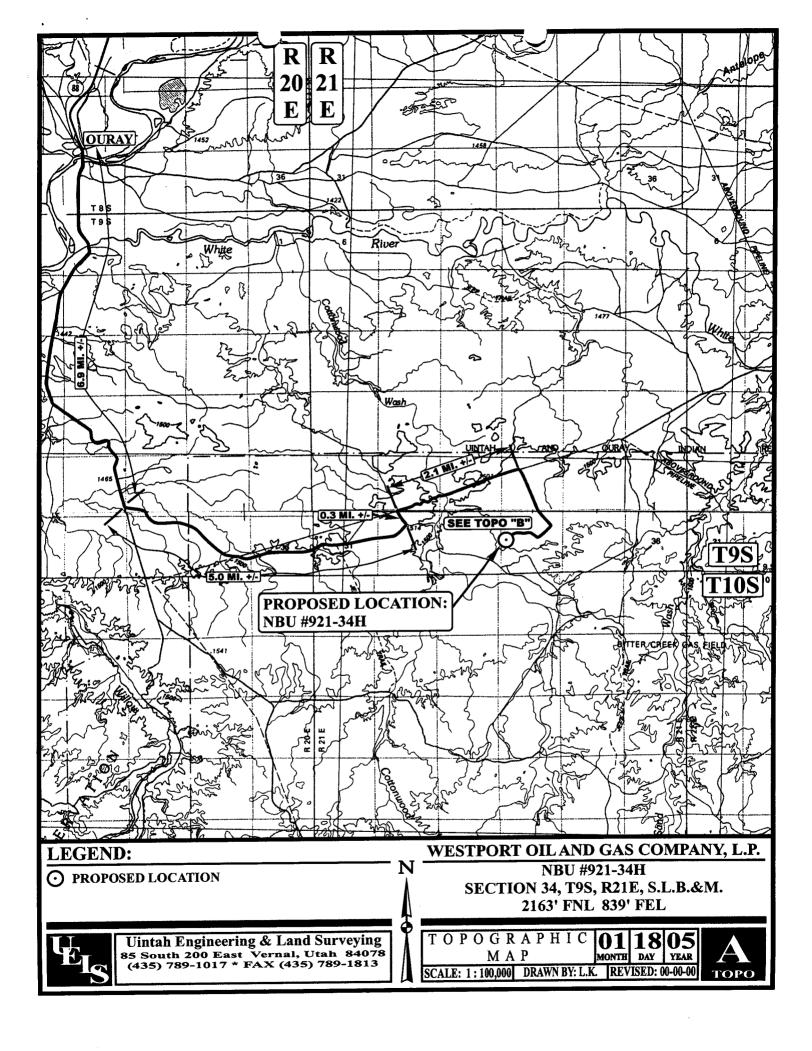


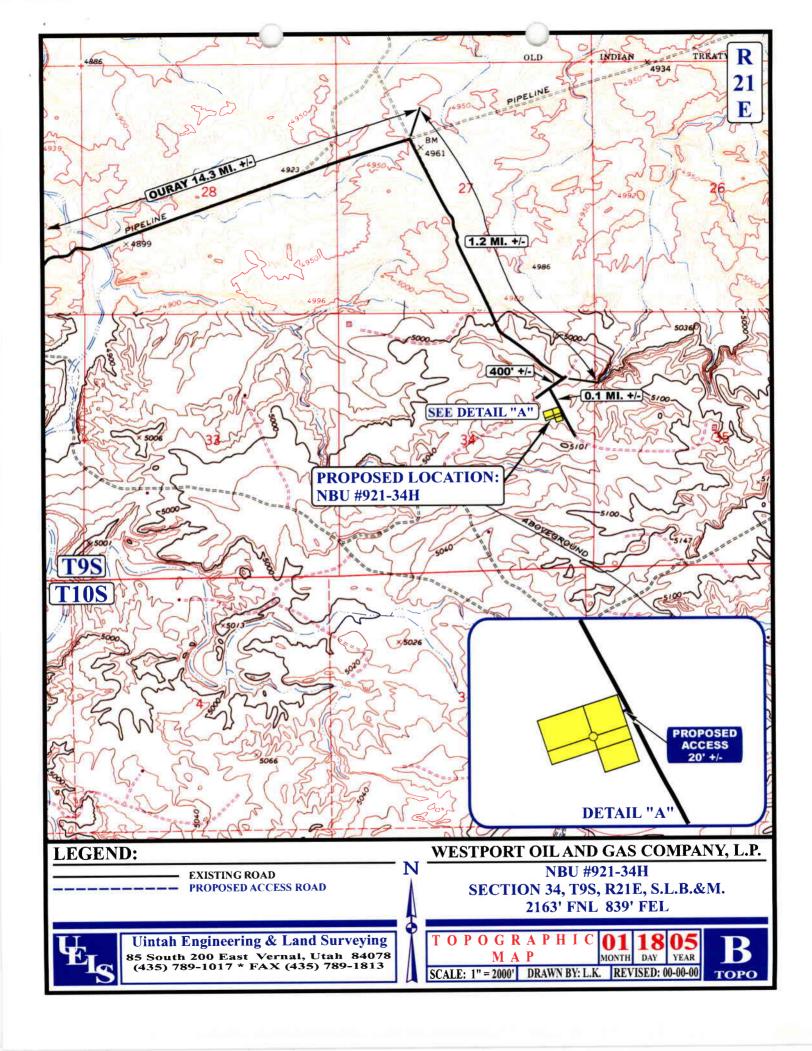
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

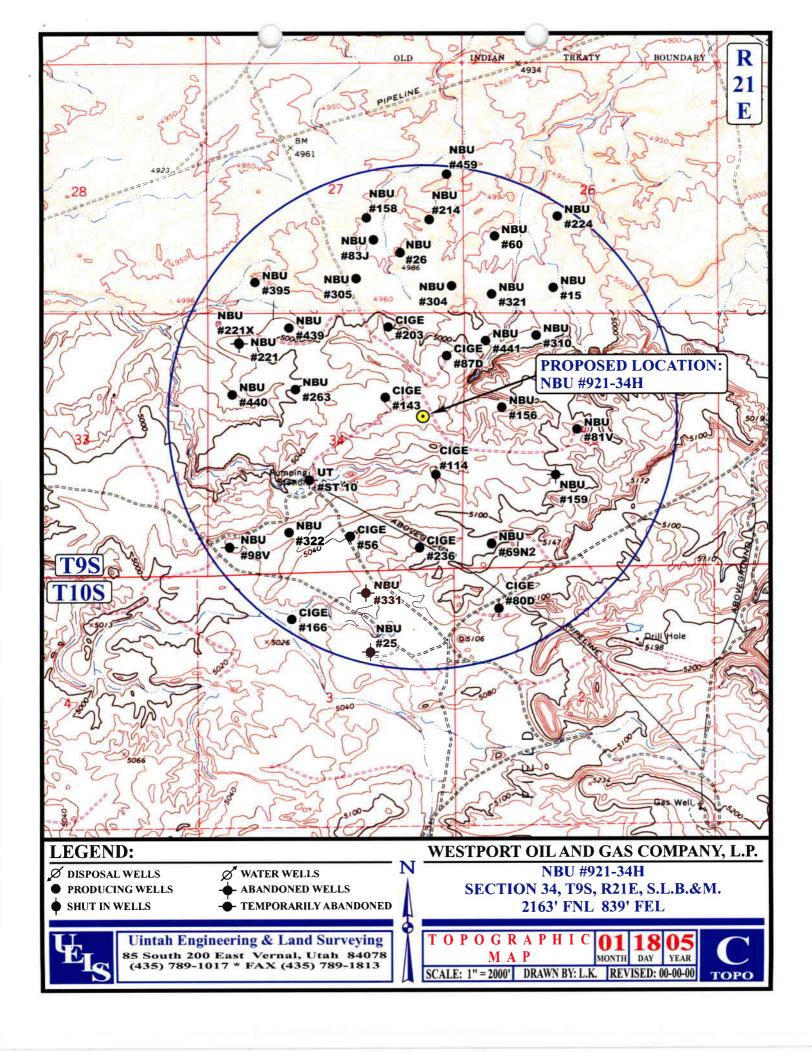
CAMERA ANGLE: SOUTHWESTERLY

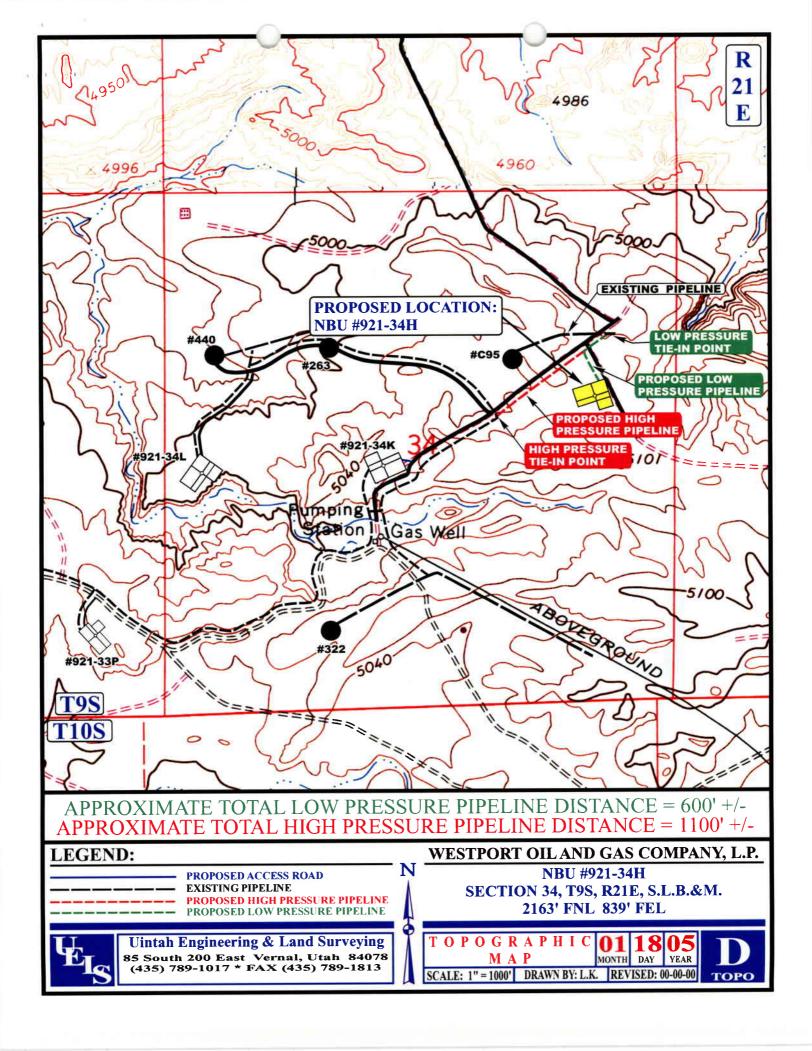


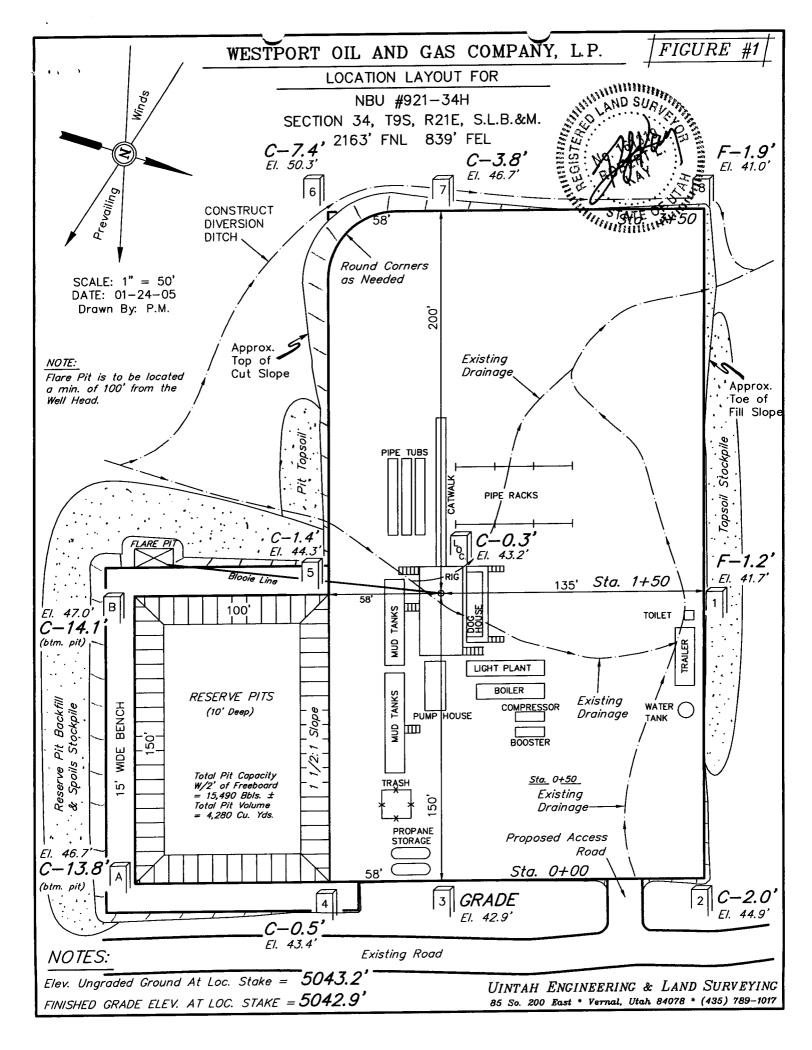


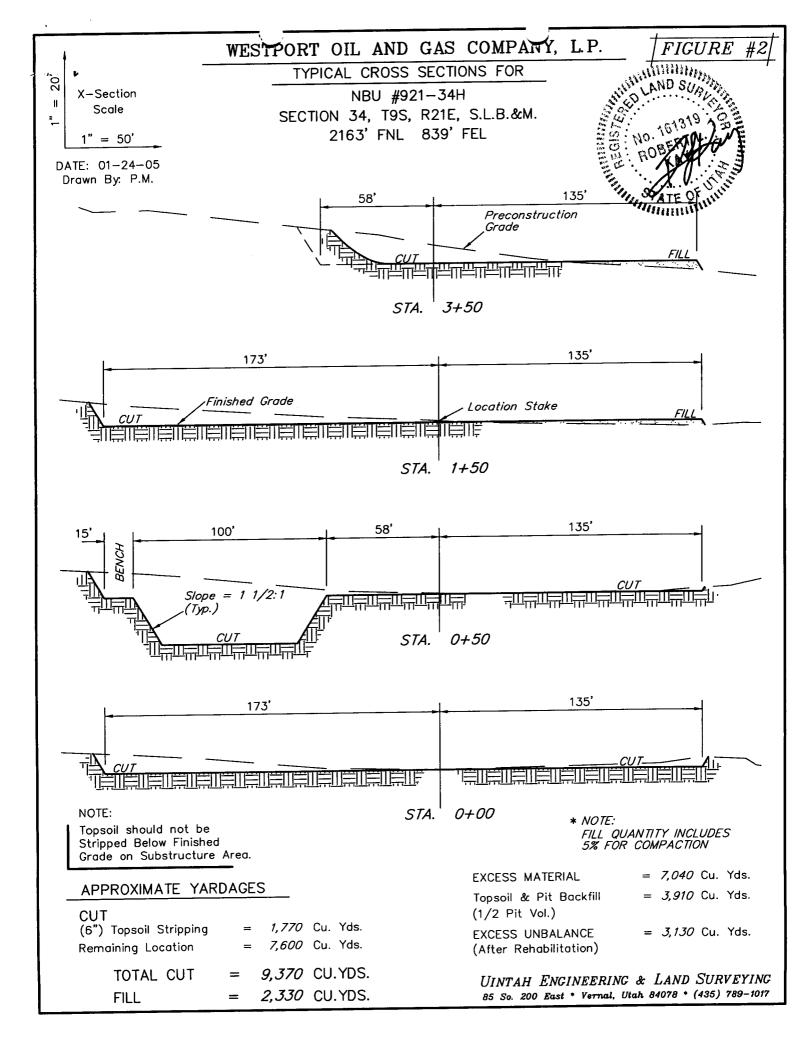






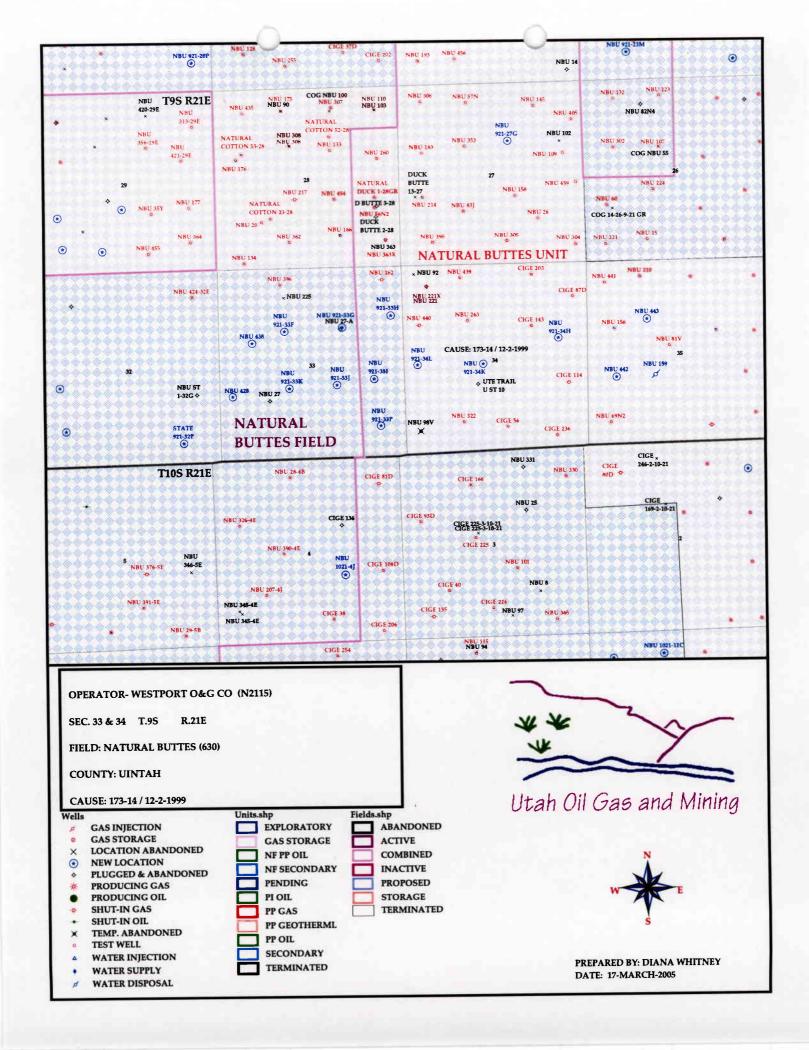






APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/15/2005	API NO. ASSIGNE	ED: 43-047-363	90
WELL NAME: NBU 921-34H OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: DEBRA DOMENICI PROPOSED LOCATION: SENE 34 090S 210E SURFACE: 2163 FNL 0839 FEL BOTTOM: 2163 FNL 0839 FEL UINTAH NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: STUO-1194-AST SURFACE OWNER: 3 - State PROPOSED FORMATION: WSMVD	PHONE NUMBER: 43 INSPECT LOCATN Tech Review Engineering Geology Surface LATITUDE: 39.9	BY: / / Initials	Date 5/9/05
COALBED METHANE WELL? NO	LONGITUDE: -109	.5306	
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. RLB0005236) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) ALM Fee Surf Agreement (Y/N)	R649-3-3. If Drilling Unit Board Cause Eff Date:	General rom Qtr/Qtr & 920' Exception it a No: 17: 12-2	3-14 2-1999 Wilmin Trac
STIPULATIONS: OI Shale	Prist (3/30/	65 PJ.)	



ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: WESPORT OIL AND GAS COMPANY, L.P.

WELL NAME & NUMBER: NBU 921-34H

API NUMBER:43-047-36390

LEASE: STUO-1194-AST FIELD/UNIT: Natural Buttes

LOCATION: 1/4,1/4 SENE Sec: 34 TWP: 9S RNG: 21E 839' FEL 2163' FNL LEGAL WELL SITING: 460 from the unit boundary or uncommitted tracts.

GPS COORD (UTM): GPS not working SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

Dan J. Jarvis (DOGM), DEBRA DOMENICI (WESTPORT). Robert KAY (UELS).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The regional setting is generally badlands type topography. Flat mesas with deep cut washes and draws are the predominate features. This site is an area of low rolling hills and shallow draws. No major drainages are in the immediate area of the location. Ouray Utah is approximately 17 miles to the northwest of the location. Cottonwood wash is the major drainage in the area and is approximately 1 mile away. Cottonwood wash is a dry watercourse for most of the year.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife and livestock grazeing and sport hunting.

PROPOSED SURFACE DISTURBANCE: <u>location</u> will be 350'by 293'. Approximately 20 feet of new access road will be built.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and constructed after drilling the well. The pipeline will follow the access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during the construction of the location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): UNLIKELY.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be allowed to settle to the bottom of the reserve pit. Liquids from the pit will be allowed to evaporate. Formation water will be confined to storage tanks. Sewage facilities, storage and

general waste disposal will be handled by a commercial contactor. Trash will be contained in trash baskets and hauled to an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS	AND/OR	WETLANDS:	None	
ATTECTED THOODIENTERS	IIII) OIC			

FLORA/FAUNA: Sagebrush, Shad scale, Prickly Pear, Cheat Grass, Antelope, Coyotes, Songbirds, Raptors, Rodents, Rabbits.

SOIL TYPE AND CHARACTERISTICS: Light brown sandy clay.

SURFACE FORMATION AND CHARACTERISTICS: Uinta formation consisting of shales and sandstones. There are no ledges on this location, but are very likely near the surface.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Sedimentation and stability are not a problem. Construction of the location will not increase any erosion problems.

PALEONTOLOGICAL POTENTIAL: None observed

RESERVE PIT

CHARACTERISTICS: 100' BY 150' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A plastic liner will not be required based on the ranking form, however Westport will line the pit with felt and a 20 mil liner as per company policy.

SURFACE RESTORATION/RECLAMATION PLAN

SURFACE AGREEMENT: As per SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: The site has been surveyed by an archeological consulting firm. No archeological sites were found. A report of this investigation will be placed on file.

OTHER OBSERVATIONS/COMMENTS

As per SITLA.

This presite was conducted on a partly cloudy day with a light breeze.

The ground was clear of all snow cover.

ATTACHMENTS

Photo taken and placed in file.

Dan Jarvis
DOGM REPRESENTATIVE

4/5/2005 DATE/TIME

Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75	0 5 10 15	
<pre><25 or recharge area Distance to Surf. Water (feet)</pre>	20	5
>1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	0
Distance to Nearest Municipal Well (feet)		
>5280 1320 to 5280 500 to 1320 <500	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	0
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15	5
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits		
Not Present Unknown Present	0 10 15	0

______(Level III Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

Final Score

DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	WESTPORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER:	NBU 921-34H
API NUMBER:	43-047-36390
LOCATION: 1/4,1/4 SE/NE Sec:	34 TWP: 9S RNG: 21E 859' FEL 2163' FNL

Geology/Ground Water:

Westport proposes to set 2,500' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 34. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water.

Reviewer:	Dan Jarvis	Date: <u>04/05/05</u>

Surface:

The predrill investigation of the surface was performed on 4/30/2005. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 3/22/05. Neither agency were in attendance. This site is on State surface with State minerals. This site appears to be the best site for a location in the immediate area..

Reviewer: Dan Jarvis Date: 4/5/05

Conditions of Approval/Application for Permit to Drill:

- 1. A synthetic liner with a minimum thickness of 20 mils and a felt subliner shall be properly installed and maintained in the reserve pit.
- 2. The entire pad shall be bermed to prevent any fluids from leaving the location.



From:

Ed Bonner

To:

Whitney, Diana 4/6/2005 4:10:32 PM

Date: Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Westport Oil & Gas Company

NBU 921-33F

NBU 921-33G

NBU 921-33I

NBU 921-33J

NBU 921-33K

NBU 921-33P

NBU 921-34H

NBU 921-34K

NBU 921-34L

NBU 1022-12I

NBU 1022-12P

State 1021-36A

State 1021-36B

State 1021-36G

State 1021-36H

State 1021-36I

State 1021-36J

State 1021-36O

State 1021-36P

If you have any questions regarding this matter please give me a call.

CC:

Garrison, LaVonne; Hill, Brad; Hunt, Gil

Clinton Dworshak - Westport APD(s)

From:

"Upchego, Sheila" <SUpchego@kmg.com>

To:

<cli>clintondworshak@utah.gov>

Date:

4/21/2005 4:27 PM Subject: Westport APD(s)

Hi Clint, attached are the revised Downhole diagrams for the following well locations:

NBU 921-33F, 921-33G, 921-33I, 921-33J, 921-33K, 921-33P, 921-33O, 921-33N;

NBU 921-34H, 921-34K, 921-34L;

NBU 922-36B

If you have any questions please feel free to contact me at (435) 781-7024 or Brad Laney at (435) 781-7031.

Sheila Upchego <<NBU921-33F_APD(pipeline).xls>> <<NBU921-33G_APD(pipeline).xls>> <<NBU921-33I_APD(pipeline).xls>> <<NBU921-33J_APD(pipeline).xls>> <<NBU921-33K_APD(pipeline).xls>> <<NBU921-33P_APD(pipeline).xls>> 34H_APD(pipeline).xls>> <<NBU921-34K_APD(pipeline).xls>> <<NBU921-34L_APD(pipeline).xls>> <<NBU921-33O_APD (pipeline).xls>> <<NBU921-33N_APD(pipeline).xls>> <<NBU922-36B_DHD_APD.xls>>

Important Notice!!

If you are not the intended recipient of this e-mail message, any use, distribution or copying of the message is prohibited. Please let me know immediately by return e-mail if you have received this message by mistake, then delete the e-mail message.

Thank you.

04-05 Westport NBU 921-34H Well name:

Operator:

Westport Oil & Gas

String type:

Surface

Project ID: 43-047-36390

Uintah County Location:

> Minimum design factors: **Environment:**

Collapse Mud weight: 8.400 ppg Design is based on evacuated pipe.

H2S considered? Collapse: No 75 °F Surface temperature: Design factor 1.125 110 °F Bottom hole temperature: 1.40 °F/100ft Temperature gradient:

Minimum section length: 1,500 ft

Burst:

Design factor 1.00 Cement top:

780 ft

Burst

Max anticipated surface

Design parameters:

pressure: 2,200 psi Internal gradient: 0.120 psi/ft Calculated BHP 2,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 1.80 (J) 8 Round LTC: 1.60 (J) Buttress: 1.50 (J) Premium:

Body yield: 1.50 (B)

Tension is based on buoyed weight. Neutral point: 2,218 ft

Non-directional string.

Re subsequent strings:

9.643 ft Next setting depth: 10.000 ppg Next mud weight: 5,009 psi Next setting BHP: 19.250 ppg Fracture mud wt: Fracture depth: 2,500 ft 2,500 psi Injection pressure

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
2	2100	9.625	32.30	H-40	ST&C	2100	2100	8.876	133.1
1	400	9.625	36.00	J-55	ST&C	2500	2500	8.796	28.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	916	1368	1.492	2452	2270	0.93	72	254	3.52 J
1	1091	2020	1.852	2500	3520	1.41	4	394	92.95 J

Prepared by:

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280 FAX: 801-359-3940

Date: April 25,2005 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

04-05 Westport NBU 921-34H

Operator:

Westport Oil & Gas

String type:

Location:

Production

Uintah County

Project ID:

43-047-36390

Design parameters:

Collapse

Mud weight:

10.000 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125 **Environment:**

H2S considered? Surface temperature: No 75 °F

Bottom hole temperature: 210 °F Temperature gradient:

Non-directional string.

1.40 °F/100ft

Minimum section length: 1,500 ft

Burst:

Design factor

1.00

Cement top:

Surface

<u>Burst</u>

Max anticipated surface

pressure: Internal gradient: 1,756 psi 0.337 psi/ft

Calculated BHP

5,009 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC:

1.80 (J) 1.60 (J) Buttress: 1.50 (J) Premium:

Body yield:

1.50 (B)

1.80 (J)

Tension is based on buoyed weight.

Neutral point:

8,202 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9643	4.5	11.60	M-80	LT&C	9643	9643	3.875	223.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5009	6350	1.268	5009	7780	1.55	95	267	2.81 B

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280

FAX: 801-359-3940

Date: April 25,2005 Salt Lake City, Utah

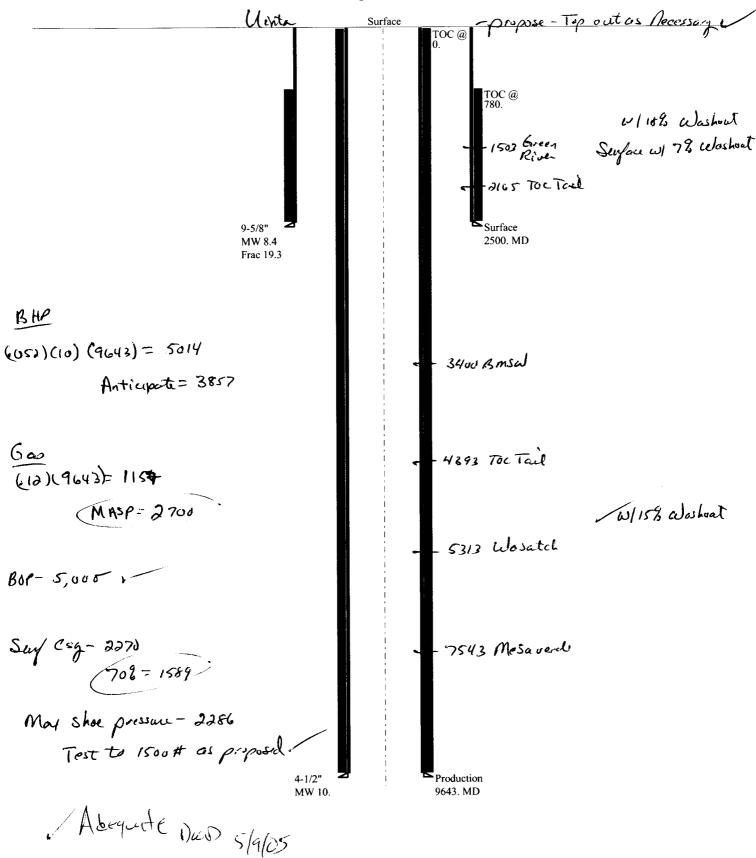
Remarks:

Collapse is based on a vertical depth of 9643 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

04-05 Westport NBU 921-5-H

Casing Schematic





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

May 10, 2005

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, Utah 84078

Re:

Natural Buttes Unit 921-34H Well, 2163' FNL, 839' FEL, SE NE, Sec. 34, T. 9

South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36390.

Sincerely,

Gil Hunt

Acting Associate Director

Wil Heart

pab Enclosures

cc:

Uintah County Assessor

SITLA

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company, LP	
Well Name & Number	Natural Buttes Unit 921-34H	
API Number:	43-047-36390	
Lease:	STUO-1194-AST	

Conditions of Approval

Sec. 34

1. General

Location: <u>SE NE</u>

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

T. 9 South

R. 21 East

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2 API #43-047-36390 May 10, 2005

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office 170 South 500 East Vernal, Utah 84078-2799

Phone: (801) 781-4400 Fax: (801) 781-4410

IN REPLY REFER TO: 3160 UT08300

July 11, 2005

Westport Oil & Gas Company ATTN: Debra Domenici P.O. Box 1148 Vernal, Utah 84078

> RE: Application for Permit to Drill Well No.: NBU 921-34H SENE, Sec. 34, T9S, R21E Natural Buttes Unit API No. 43-047-36390

Dear Ms. Domenici:

Enclosed is your copy for the above referenced APD that we accepted for "Unit Purposes Only".

If you have any questions, please contact me at (435) 781-4429.

Sincerely

Johnetta Magee

Legal Instruments Examiner

Enclosure

bcc: Well File

Reading File

Division of Oil-Gas-Mining

RECEIVED
JUL 2 6 2005

DIV. OF OIL, GAS & MINING

FORM 9

	DEPARTMENT OF NATURAL RESOU	RCES APR 1 7 2008	1 ONW 3
!	DIVISION OF OIL, GAS AND MI	INING 7 TO	5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-1194-ST
SUNDRY	NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill no drill horizontal la	ew wells, significantly deepen existing wells below cur terals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT OF CA AGREEMENT NAME: NATURAL BUTTES UNIT
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER		8. WELL NAME and NUMBER: NBU 921-34H
2. NAME OF OPERATOR: KERR MCGEE OIL AND (GAS ONSHORE LP		9. API NUMBER: 4304736389 36390
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST	, VERNAL STATE, UT 216	PHONE NUMBER: (435) 781-7003	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2163'	FNL 839' FEL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: SENE 34 '9S 2	21E	STATE: UTAH
11. CHECK APPF	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE. REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TO THE BOXES TO THE TOTAL	TYPE OF ACTION	3.(1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	ACIDIZE ALTER CASING CASING REPAIR CHANGE TO PREVIOUS PLANS	DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	PLUG AND ABANDON PLUG BACK PRODUCTION (START/RESUME) RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: DOGM APD EXTENSION
THE OPERATOR REQUE	OPERATIONS MAY BE COMPI 1AY 10, 2005.	N ONE YEAR EXTENSION FOR	mes, etc. R THE SUBJECT WELL LOCATION. VAS APPROVED BY THE DIVISION
NAME (PLEASE PRINT) RAMEY H	OOPES	TITLE REGULATORY	CLERK
SIGNATURE TAMELY	1 Hoopes	DATE 4/11/2006	

(This space for State use only)

ACCEPTED BY BLM FOR

MAY - 2 2006



(See Instructions on Reverse RAY 0 8 2006

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING 1. DJJ 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has char	nged, effective:			1/6/2006		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
FROM: (Old Operator):		TO: (New O	perator):			
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-M	cGee Oil &	Gas Onshor	e, LP	
1368 South 1200 East		E .	outh 1200 l			
Vernal, UT 84078		Vernal	, UT 84078			
Phone: 1-(435) 781-7024		Phone: 1-(435)	781-7024			
CA No	•	Unit:	N	ATURAL B	UTTES	UNIT
WELL NAME	SEC TWN RNG	1		LEASE		WELL
		•	NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENT	TATION					
Enter date after each listed item is completed	1111011					
1. (R649-8-10) Sundry or legal documentation w	as received from the	FORMER ope	rator on:	5/10/2006		
2. (R649-8-10) Sundry or legal documentation w		•		5/10/2006		
3. The new company was checked on the Depart		-		Database o	n:	3/7/2006
4a. Is the new operator registered in the State of		Business Numb	-	355743-018		
4b. If NO, the operator was contacted contacted	on:	-				
5a. (R649-9-2)Waste Management Plan has been r	eceived on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites comp		n/a	3 LA wells	s & all PA w	ells trans	sferred
5c. Reports current for Production/Disposition &	Sundries on:	ok	•	•		
6. Federal and Indian Lease Wells: Th	e BLM and or the I	BIA has appro	ved the n	nerger, nam	e chan	œ.
or operator change for all wells listed on Feder			BLM	3/27/2006		not yet
7. Federal and Indian Units:		.,				
The BLM or BIA has approved the successor	r of unit operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization	Agreements ("	CA"):				
The BLM or BIA has approved the operator	for all wells listed w	vithin a CA on:		n/a		
9. Underground Injection Control ("U	/	ivision has appro		orm 5, Trans	fer of A	uthority to
Inject , for the enhanced/secondary recovery u	nit/project for the wa					
	the project for the wi	ater disposal wel	l(s) listed o	n:		
DATA ENTRY:		ater disposal wel	l(s) listed o	n:		
1. Changes entered in the Oil and Gas Database	on:	5/15/2006	ll(s) listed o			
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O 	on:	5/15/2006 oread Sheet on:	ll(s) listed o	n: _5/15/2006		
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: 	on: perator Change Sp	5/15/2006 read Sheet on: 5/15/2006	l(s) listed o			
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o 	on: perator Change Sp n:	5/15/2006 oread Sheet on:	ll(s) listed o			
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS 	on: perator Change Sp n: on:	5/15/2006 read Sheet on: 5/15/2006		5/15/2006	on Only	
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures 	on: perator Change Sp n: on:	5/15/2006 read Sheet on: 5/15/2006	l(s) listed o		ge Only	
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: 	on: perator Change Sp n: on:	5/15/2006 pread Sheet on: 5/15/2006 5/16/2006		5/15/2006	ge Only	
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on; Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: Federal well(s) covered by Bond Number: 	on: perator Change Sp n: on:	5/15/2006 pread Sheet on: 5/15/2006 5/16/2006		5/15/2006	ge Only	
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 	on: perator Change Sp n: on: for APD/New on:	5/15/2006 bread Sheet on: 5/15/2006 5/16/2006 CO1203 RLB0005239	n/a	5/15/2006 Name Chang		
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well 	e on: perator Change Sp n: on: for APD/New on:	5/15/2006 bread Sheet on: 5/15/2006 5/16/2006 CO1203 RLB0005239 y Bond Number	n/a	5/15/2006 Name Chang RLB0005236		
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on; Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well The FORMER operator has requested a release 	e on: perator Change Sp n: on: for APD/New on:	5/15/2006 bread Sheet on: 5/15/2006 5/16/2006 CO1203 RLB0005239 y Bond Number	n/a	5/15/2006 Name Chang		
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well The FORMER operator has requested a release The Division sent response by letter on: 	e on: perator Change Sp n: on: for APD/New on: l(s) listed covered by of liability from the	5/15/2006 bread Sheet on: 5/15/2006 5/16/2006 CO1203 RLB0005239 y Bond Number	n/a	5/15/2006 Name Chang RLB0005236		
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well The FORMER operator has requested a release The Division sent response by letter on: LEASE INTEREST OWNER NOTIFIC 	e on: perator Change Sp n: on: for APD/New on: l(s) listed covered by to of liability from the	5/15/2006 bread Sheet on: 5/15/2006 5/16/2006 CO1203 RLB0005239 y Bond Number eir bond on:	n/a n/a	5/15/2006 Name Change RLB0005236 rider added	KMG	
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well The FORMER operator has requested a release The Division sent response by letter on: 	e on: perator Change Sp n: on: for APD/New on: l(s) listed covered by e of liability from the CATION: wells has been cont	5/15/2006 pread Sheet on: 5/15/2006 5/16/2006 CO1203 RLB0005239 y Bond Number eir bond on:	n/a n/a	5/15/2006 Name Change RLB0005236 rider added	KMG	
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures BOND VERIFICATION: Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well The FORMER operator has requested a release The Division sent response by letter on: LEASE INTEREST OWNER NOTIFIC (R649-2-10) The FORMER operator of the fee 	e on: perator Change Sp n: on: for APD/New on: l(s) listed covered by e of liability from the CATION: wells has been cont	5/15/2006 pread Sheet on: 5/15/2006 5/16/2006 CO1203 RLB0005239 y Bond Number eir bond on:	n/a n/a	5/15/2006 Name Change RLB0005236 rider added	KMG	

* Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OMB No. 1004-0135 Expires Jnovember 30, 2000

FORM APPROVED

5. Lease Serial No.

	NOTICES AND REPORTS				MULTIPLE LEASES	
	form for proposals to Use Form 3160-3 (APD)				6. If Indian, Allottee or Tr	ibe Name
	CATE – Other instruc	tions	on reverse	side	7. If Unit or CA/Agreemen	nt, Name and/or No.
1. Type of Well Oil Well Gas Well	Other				8. Well Name and No.	
2. Name of Operator	Other			·	MUTIPLE WELL	e
KERR-McGEE OIL & GAS C	NSHORE LP				9. API Well No.	<u> </u>
3a. Address 3b. Phone No. (include area code)						
1368 SOUTH 1200 EAST V			781-7024		10. Field and Pool, or Explo	oratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)						
SEE ATTACHED					11. County or Parish, State	
OLE ATTAONED					UINTAH COUNTY, L	JTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICA	TE NATURE	OF NOTICE, R	EPORT, OR OTHER DA	ГА
TYPE OF SUBMISSION			TYP	E OF ACTION		
Notice of Intent	Acidize	=	epen	Contraction Contra	· =	Shut-Off
X Subsequent Report		Nev	w Construction	Reclamation	Other	CHANGE OF
Final Abandonment Notice	Convert to Injection		g and Abandon g Back	☐ Temporarily ☐ Water Dispo		ATOR
If the proposal is to deepen directional Attach the Bond under which the wor following completion of the involved testing has been completed. Final Attach the site is ready for fin.	k will be performed or provide the operations. If the operation result sandonment Notices shall be filed at inspection.	eeBondi sinami onlyafi	No. on file with I ultiple completion ter all requiremen	BLM/BIA. Require or recompletion in ts, including reclar	ed subsequent reports shall be a n a new interval, a Form 3160-4 mation, have been completed, a	filed within 30 days
PLEASE BE ADVISED THAT OPERATOR OF THE ATTACKERR-McGEE OIL & GAS CONTROL OF THE LEASE(S) FOR THE IS PROVIDED BY STATE OF THE BLM	CHED WELL LOCATIO INSHORE LP, IS RESP E OPERATIONS COND	NS. E ONSI OUCTE BONI	EFFECTIVE . BLE UNDER ED UPON LE D NO. RLBO	JANUARY 6, R TERMS AN EASE LANDS	2006. D CONDITIONS 3. BOND COVERAGE	RECEIVED MAY 1 0 2006 IV. OF OIL, GAS & MINING
BIA B	OND = RLBOOK	5 á	139	Carlene	Russell	
14. I hereby certify that the foregoing	s is true and correct	1 700	Đi yi Earl	sion of Off; (ene Russall 1	as and Mining Engineering Technicis	· · · · · · · · · · · · · · · · · · ·
Name (Printed/Typed) RANDY BAYNE		DRI	e ILLING MAN		PURMOST HIS TOURING	***
Sighature Sayou		Date				
4	THIS SPACE		EDERAL OR S	TATE USE		
Approved by			Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct	able title to those rights in the subject operations thereon.	ect lease	Office			4
Title 18 U.S.C. Section 1001, make	it a crime for any person know	vingly a	nd willfully to n	nake to any depa	rtment or agency of the Unit	ted States any

(Instructions on reverse)

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

5. Lease Serial No.

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

MULTIPLE LEASES

Do not use this abandoned well.	form for proposals to Use Form 3160-3 (APD)	drill or reenter an for such proposals.	6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other instruc	tions on reverse side	7. If Unit or CA/A greement, Name and/or No.
1. Type of Well Oil Well X Gas Well 2. Name of Operator WESTPORT OIL & GAS CO 3a. Address 1368 SOUTH 1200 EAST 4. Location of Well (Footage, Sec.,	Other OMPANY L.P. VERNAL, UT 84078	Bb. Phone No. (include area code) (435) 781-7024	8. Well Name and No. MUTIPLE WELLS 9. API Well No. 10. Field and Pool, or Exploratory Area
SEE ATTACHED			11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK APP	PROPRIATE BOX(ES) TO IN	IDICATE NATURE OF NOTICE	E, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTI	
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Fracture Treat Reclam New Construction Recomp Plug and Abandon Tempor	
Attach the Bond under which the wo following completion of the involved	any or recomplete nonzontally, give ork will be performed or provide the operations. If the operation results bandonment Notices shall be filed hal inspection.	subsurface locations and measured and e Bond No. on file with BLM/BIA. Re in a multiple completion or recompletion only after all requirements, including n	of any proposed work and approximate duration thereof it true vertical depths of all pertinent markers and zones. Equired subsequent reports shall be filed within 30 days on in a new interval, a Form 3160-4 shall be filed once eclamation, have been completed, and the operator has
THE OPERATORSHIP OF ONSHORE LP.	THE ATTACHED WELL I	LOCATIONS TO KERR-Mc	GEE OIL & GAS
	Cau Division o	OVED 5/6/06 Leve Russell of Oil, Gas and Mining ussell, Engineering Technic	MAY 1 0 2006
14. I hereby certify that the foregoin	g is true and correct		THE THE THE TABLE TO THE TABLE
Name (Printed/Typed) BRAD LANEY		Title ENGINEERING SPECIAL	IST
Signature		Date	IU I
	THIS SPACE	May 9, 2006	
Approved by	THIS SPACE	OR FEDERAL OR STATE USE	Date
Grad Kany			5-9-06
Conditions of approval, if any, are attacked certify that the applicant holds legal of equ which would entitle the applicant to conduc	itable title to those rights in the subject	rant or Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company	y:]	KERR-MCGEE OIL & GAS ONSHORE LP				
Well Name:]	NBU 921-34H				
Api No: 43-	047-36390	Lease Typ	oe: STATE	C		
Section_34_Town	ship <u>09S</u> Rar	nge 21E Con	anty <u>UINT</u> A	АН		
Drilling Contracto	r <u>PETE</u>	MARTIN'S	RIG #	BUCKET		
SPUDDED:						
Date	5/30/0	5				
Time	7:00 A	<u>M</u>				
How	vDRY					
Drilling will Co	mmence:	-				
Reported by	LOU	WELDON				
Telephone #	(435) 828-7035				
Date06/01/2		d <u>CHI</u>)			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

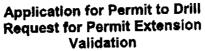
FORM 6

Well I 1023-1K Entity ber 99	ISHORE LP zip 84078 Name New Entity Number 15403 ET RIG. 77 V K 05/31/2006 AT 17	QQ NESW	Sec	Twp 10S	Rng 23E	N 2995 (435) 781-7024 County UINTAH otity Assignment Effective Date
Well I 1023-1K Entity ber 99	New Entity Number 15 403 ET RIG. 70 V F	NESW	Sec 1 Spud Da	Twp 10S	Rng 23E	County UINTAH
Entity ber 99 FIN BUCKE	New Entity Number 15 403 ET RIG. 70 V F	NESW	Sec 1 Spud Da	Twp 10S	Rng 23E	County UINTAH
Entity ber 99 FIN BUCKE	New Entity Number 15 403 ET RIG. 70 V F	NESW	Sec 1 Spud Da	Twp 10S	Rng 23E	County UINTAH
Entity ber 99 FIN BUCKE	New Entity Number 15403 ET RIG. 70 V R	NESW	Sec 1 Spud Da	Twp 10S	Rng 23E	County UINTAH
Entity ber 99 FIN BUCKE	New Entity Number 15403 ET RIG. 70 V R	NESW	1 Spud Da	10S	23E En	UINTAH
Entity ber 99 FIN BUCKE	New Entity Number 15403 ET RIG. 70 V R	NESW	1 Spud Da	10S	23E En	UINTAH
99 FIN BUCKE ATION ON	Number 15403 TRIG. 77 V R	20	Spud Da	ite	En	ntity Assignment
TIN BUCKE ATION ON	TRIG. TNVK	20	5/31/20			
TIN BUCKE ATION ON	TRIG. TNVK	20	0,0,7,0	JP.		6/8/06
^	:	00 HRS.		,	<u> </u>	
Well N	lame	1 60	T 6	7 =		T
	I ATTE	QQ	Sec	TWP	Rng	County
						UINTAH
er	Number	8	pud Da	te		tity Assignment Effective Date
9	2900		5/30/200	6	6	18/06
TION ON	05/30/2006 AT 070	0 HRS.				<u>K</u>
Well N	ame	da	Sec	Twp	Rna	County
		: :		1,475	141,5	County
intity er	New Entity Number	\$	pud Dat	9	Enti E	ity Assignment ffective Date
	:					
	Well N Intity or group or uning entity to a	Entity New Entity Number 9 3900 IN BUCKET RIG. WS 70 TION ON 05/30/2006 AT 070 Well Name Intity New Entity Number Ill (single well only) group or unit well) gentity to another existing entity gentity to a new entity	Entity New Entity Ser Number 9 3900 IN BUCKET RIG. WS MUD ATION ON 05/30/2006 AT 0700 HRS. Well Name QQ Intity New Entity Ser Number Ser Number SHE Group or unit well) g entity to another existing entity g entity to a new entity Signal	Entity New Entity Spud Date 9 3900 5/30/200 IN BUCKET RIG. WSTN VD ATION ON 05/30/2006 AT 0700 HRS. Well Name QQ Sec Intity New Entity Per Number Spud Date Spud	Entity New Entity Number 9 3900 5/30/2006 IN BUCKET RIG. WS M VD ATION ON 05/30/2006 AT 0700 HRS. Well Name QQ Sec Twp Intity New Entity Spud Date Intity Number SHEILA UPCHEGO Name Signature	SENE 34 9S 21E Entity Number Spud Date Ent 9 3900 5/30/2006 6 IN BUCKET RIG. WS MUD ATION ON 05/30/2006 AT 0700 HRS. Well Name QQ Sec Twp Rng Entity Number Spud Date Ent Entity Number Spud Date Ent Entity Number Spud Date Ent Entity Spud Date Ent Ent Entity Spud Date Ent Ent Ent Ent Ent Ent Ent Ent

	\sim		<u>_</u> -	FORM 9
	STATE OF UTAH			1011111
t D	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS AND MI	RCES INING		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-1194-ST
				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
SUNDRY	NOTICES AND REPORT	S ON WEL	LS	7. UNIT O' CA AGREEMENT NAME:
Do not use this form for proposals to drill ne	w wolls, significantly deepen existing wells below ou ensis. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole dept form for such proposa	th, reenter plugged wells, or to	NATURAL BUTTES UNIT
1 TYPE OF WELL				8, WELL NAME and NUMBER: NBU 921-34H
OIL WELL	GAS WELL OTHER			9. API NUMBER: 40
2. NAME OF OPERATOR. KERR MCGEE OIL AND G	SAS ONSHORE LP		<u></u>	4304736399
3 ADDRESS OF OPERATOR:			PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
1368 SOUTH 1200 EAST	VERNAL STATE UT ZI	₁ 84078	(435) 781-7003	TANTOTAL BOTTLE
4. LOCATION OF WELL				COUNTY: UINTAH
FOOTAGES AT BURFACE: 2163' F	FNL 839' FEL			W
OTFOOTR, SECTION, TOWNSHIP, RANG	38. MERIDIAN: SENE 34 9S	21 E		STATE: UTAH
	ROPRIATE BOXES TO INDICA	TE NATURE	OF NOTICE REPO	RT. OR OTHER DATA
11. CHECK APPR	COPRIATE BUXES TO INDICA	TENATORE	YPE OF ACTION	
TYPE OF SUBMISSION		DEEPEN	TPEOPACTION	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT	ACIDIZE	FRACTURE	TORAT	SIDETRACK TO REPAIR WELL
(Submit in Duplicate)	ALYER CASING	- ۱۰۰۰ اسسا		TEMPORARILY ABANDON
Approximate date work will start:	CASING REPAIR	<u></u>	STRUCTION TO SHADING F	TURING REPAIR
	CHANGE TO PREVIOUS PLANS	OPERATO		VENT OR FLARE
	CHANGE TUBING		ABANDON	WATER DISPOSAL
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BAC		WATER SHUT-OFF
(Submit Original Form Only)	CHANGE WELL STATUS		ION (START/RESUME)	OTHER: DOGM APD
Date of work complusion:	COMMINGLE PRODUCING FORMATION		TION OF WELL SITE	EYTENSION
	CONVERT WELL TYPE		EYE - DIFFERENT FORMATION	
12 DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show a	ill pertinent details i	noluding dates, depths, volur	nes, etc.
	·····	AND ONLE VENI	B EYTENGION FOR	THE SUBJECT WELL LOCATION
SO THAT THE DRILLING	OPERATIONS MAY BE COM	PLEIED. Ini	E OKIGINAL A D II	AS APPROVED BY THE DIVISION
OF OIL, GAS & MINING	MAY 10, 2009.			
			- 4	
		pproved b	y the	
		pp, com	on of 📑 📑 🦠	
		Gas and	Maring	
	Oii,	, 000	2-DG D	
	Date: _	D2-7	A STATE)	
		Rush	Villa III	
0 01	Ву:			
7-21-0 CHD	b		\mathcal{M}	
NAME (PLEASE PRINT) RAMEY	HOOPES	т	REGULATORY	CLERK
NAME (PLEASE PAIN)	Moon		4/11/2006	
SIGNATURE	CIVILLA			

See (Ratruptions on Reverse Side)

RECEIVED MAY 3 0 2006



(this form should accompany the Sundry Notice requesting permit extension)

API: Well Name: Location: Company Per Date Original	4304736390 NBU 921-34H SENE, SEC 34, T9S mit Issued to: Permit Issued:	KERR MCGEE	OIL AND GAS ONSHORE LP	
above hereby	varifies that the	information as	drill on the property as pe submitted in the previous d does not require revisio	ıy
Following is a verified.	checklist of some	e items related	to the application, which	should be
If located on pagreement be	rivate land, has t en updated? Yes	he ownership o □Nol☑	changed, if so, has the su	rface
Have any well	ls been drilled in r siting requireme	the vicinity of the	he proposed well which w ation? Yes□ No <i>i</i> Zl	ould affect
Has there bee	en any unit or oth operation of this p	er agreements proposed well?	put in place that could af Yes□No☑	iect the
Have there be of-way, which	en any changes could affect the	to the access operoposed locat	route including ownership tion? Yes⊡ No ☑	, or right-
Has the appro	oved source of wa	ater for drilling	changed? Yes□No⊠	
Have there be which will req evaluation? Y	uire a change in	changes to the plans from wha	e surface location or acces at was discussed at the or	ss route nsite
Is bonding sti	Il in place, which	covers this pro	pposed well? Yes⊠No⊡	
Lanna	u Horal	4	4/12/2006	
Signature	70100		Date	
Title: REGUL	ATORY CLERK			
Representing	KERR MCGEE	OIL AND GAS O	NSHORE L	

RECEIVED MAY 3 0 2006

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIA STUO-1194-ST	L NUMBER:
SUNDRY NOTICES AND REPORTS ON	WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE N	IAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current botton drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for su	n proposals.	
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: NBU 921-34H	
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP	9. API NUMBER: 430473 6389 3636	70
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078	PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2163'FNL, 839'FEL	COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 34 9S 21E	STATE:	
11. CHECK APPROPRIATE BOXES TO INDICATE NA	URE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION	
NOTICE OF INTENT	EPEN EPERFORATE CURRENT F	
(Submit in Duplicate) ALTER CASING	ACTURE TREAT SIDETRACK TO REPAIR WE	LL
Approximate date work will start: CASING REPAIR	W CONSTRUCTION TEMPORARILY ABANDON	
CHANGE TO PREVIOUS PLANS	PERATOR CHANGE TUBING REPAIR	
CHANGE TUBING F	UG AND ABANDON VENT OR FLARE	
SUBSEQUENT REPORT CHANGE WELL NAME	UG BACK WATER DISPOSAL	
CHANGE WELL STATUS	RODUCTION (START/RESUME) WATER SHUT-OFF	
Date of work completion: COMMINGLE PRODUCING FORMATIONS F	CLAMATION OF WELL SITE OTHER: WELL SPUE)
CONVERT WELL TYPE F	COMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent		
MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTO W/28 SX READY MIX.	R HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIF	PE. CMT
SPUD WELL LOCATION ON 05/30/2006 AT 0700 HRS.		
NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGUALTORY ANALYST	
SIGNATURE MULLIN VIII MULLINI	DATE 6/5/2006	

(This space for State use only)

RECEIVED JUN 1 2 2006

7/10/2006	
NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY	ANALYST
RELEASED ENSIGN RIG 12 ON 07/09/2006 AT 2000 HRS.	
BOP SET SLIPS W/100K WT CUT OFF INSTALL DRY HOLE FLANGE CLEAN PITS.	
II @11.0 PPG 3.38 YIELD. TAILED CMT W/1235 SX 50/50 POZ @14.3 PPG 1.31 YIELD. I WATER FINAL PSI 2850 BUMP PLUG 3350 PSI PLUG HOLDING FULL RETURNS NO CI	DISPLACED W/147 BBL FRESH
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume FINISHED DRILLING FROM 2540' TO 9505'. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG.	
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OPERATIONS
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: FINAL DRILLING
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL NAME PLUG BACK CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE WATER DISPOSAL
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RI, OR OTHER DATA
	UTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 34 9S 21E	STATE:
FOOTAGES AT SURFACE: 2163'FNL, 839'FEL	COUNTY: UINTAH
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 (435) 781-7024 4. LOCATION OF WELL	NATONAL BOTTLO
3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP	9. API NUMBER: 43047 36389 — 36 <i>35</i> 0
1. TYPE OF WELL OIL WELL GAS WELL OTHER	NBU 921-34H
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	UNIT #891008900A 8. WELL NAME and NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT or CA AGREEMENT NAME:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-1194-ST
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	FORM 9

(This space for State use only)

RECEIVED

	STATE OF UTAH	DOES	FORM 9
	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS AND MI		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-1194-ST
SUNDRY	NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill n	ew wells, significantly deepen existing wells below cu terals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT OF CA AGREEMENT NAME: UNIT #891008900A
1. TYPE OF WELL OIL WELL	8. WELL NAME and NUMBER: NBU 921-34H		
2. NAME OF OPERATOR: KERR McGEE OIL & GAS	ONSHORE LP		9. API NUMBER: 430473 6389 310 3940
3. ADDRESS OF OPERATOR:		PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL	Y STATE ZIP		
FOOTAGES AT SURFACE: 2163'F	NL, 839'FEL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: SENE 34 9S 2	21E	STATE: UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
✓ SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER: PRODUCTION
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	START-UP
THE SUBJECT WELL LO		pertinent details including dates, depths, volume DDUCTION ON 07/29/2006 AT 10 L WELL HISTORY.	

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AUG 2 1 2006 (See Instructions on Reverse Side)

REGULATORY ANALYST

DATE 7/10/2006

KERR MCGEE OIL AND GAS ONSHORE LP

CHRONOLOGICAL HISTORY

Page 1

NBU 921-34H UINTAH COUNTY, UT DRILLING REPORT: Status **Surface Casing** Activity **SPUD Build Location, 25% complete** Caza 12 05/25/06 **Build Location, 80% complete** Caza 12 05/26/06 **Build Location, 95% complete** Caza 12 05/30/06 **Build Location**, 100% complete Caza 12 05/31/06 Caza 12 5/30/06 Set conductor, 06/08/06 WORT 9 5/8" @ 2488' 6/3/06 Caza 12 9 5/8" @ 2488' Ring in, WORT 06/14/06 6/3/06 06/26/06 DSS: 0 Csg. 9 5/8"@ 2489' MW: 8.4 SD: 6/XX/06 TD: 2540' Move rig f/ NBU 1021-4J on 6/25/06. 100% moved and 80% rigged up @ report time. 06/27/06 SD: 6/26/06 DSS: 1 Csg. 9 5/8"@ 2489' MW: 8.4 TD: 3340' Finish RURT. NU and test BOPE. PU BHA and DP and drill FE. Drill from 2500'-3340'. DA @ report time. 06/28/06 SD: 6/26/06 DSS: 2 TD: 4750' Csg. 9 5/8"@ 2489' MW: 8.4 Drill from 3340'-4750'. DA @ report time. 06/29/06 MW: 8.4 SD: 6/26/06 DSS: 3 Csg. 9 5/8"@ 2489' TD: 6015' Drill from 4750'-6015'. DA @ report time. 06/30/06 **DSS: 4** MW: 8.9SD: 6/26/06 Csg. 9 5/8"@ 2489' TD: 6687' Drill from 6015' -6687' Pump slug TFNB @ report time 07/03/06 Csg. 9 5/8"@ 2489' MW: 9.1 SD: 6/26/06 **DSS: 7** TD: 7865' Finish bit trip. Drill f/6687'-7290'. Repair swivel packing. Drill to 7470'. TFNB. Drill to 7865'. DA @ report time 07/05/06 MW: 10.5 SD: 6/26/06 **DSS: 9** Csg. 9 5/8"@ 2489' TD: 8530' Drill f/ 7865'-8099'. TFNB and MM. Drill to 8530'. DA @ report time.

07/06/06

TD: 9055' Csg. 9 5/8"@ 2489' MW: 11.0 SD: 6/26/06 DSS: 10 Drill f/ 8530'-8643'. Lost 55 bbls. Built vol and pmp LCM pill. Drill to 9055'. DA @ report time.

07/07/06

TD: 9280' Csg. 9 5/8"@ 2489' MW: 11.3 SD: 6/26/06 DSS: 11 Drill f/ 9055'-9129'. TFNB. Drill to 9280'. DA @ report time.

07/10/06

TD: 9505' Csg. 95/8"@ 2489' MW: 11.7 SD: 6/26/06 DSS: 14 Drill f/ 9280'-9505'. CCH and short trip. LDDS and run logs to TD. Run and cmt 4.5" csg. Set slips, NDBOP, and release rig 2000 hrs on 7/9/06. Will move on 7/11/06. RDRT @ report time.

07/11/06

TD: 9505' Csg. 9 5/8"@ 2489' MW: 11.7 SD: 6/26/06 DSS: 15 RDRT. Will move to NBU 921-34L this am.

07/25/06 PROG: 7:AM . MOVE TO LOC.

07/26/06 PROG: 7:AM HSM . RU CUTTERS & BJ .SLICKWATER FRAC. STAGE 1# RIH PERF 9150-52 , 3SPF , 9217-20 , 4SPF , 9259-63 , 4SPF , 9379-82 ,4SPF , 46 HOLES , BROKE @ 3759 , IR 51.5 , IP 5050, ISIP 3640 , FG .81 , MP 6350 , MR 51.4 , AP 5865 , AR 51 , FG .93 , ISIP 4625 , NPI 985 , CLEAN 2697 BBLS , SAND 95,893#

STAGE 2# SET CBP @ 9067' , PERF 8917-20 ,3SPF , 8983-87 , 4SPF , 9005-08 ,3SPF , 9034-37 , 4SPF , 44 HOLES , BROKE @ 3680 , IR 49.6 , IP 4950 , ISIP 3050 , FG .77 , MP 5110 , MR 49.5 , AP 4855 , AR 49.4 , FG .82 , ISIP 3530 , NPI 480 , CLEAN 3030 BBLS , SAND 119,177#

STAGE 3# SET CBP @ 8785' , PERF 8559-65 , 8750-55 , 4SPF , 44 HOLES , BROKE @ 3317 , IR 49 , IP 5000 , ISIP 2600 , FG .73 , MP 5045 , MR 49.9 , AP 4558 , AR 49.6 , FG .76 , ISIP 2900 , NPI 300 , CLEAN 960 BBLS , SAND 33,870#

STAGE 4# SET CBP @ 8349' , PERF 8153-55 , 8204-09 , 8315-19 , 4SPF , 44 HOLES , BROKE @ 3100 , IR 49.2 , IP 5200 , ISIP 2650 , FG .75 , MP 5260 , MR 50 , AP 4812 , AR 49.6, FG .82 , ISIP 3250 , NPI 600 , CLEAN 863 BBLS , SAND 29,454# .

STAGE 5# SET CBP @ 7901 , PERF 7745-49 ,4SPF , 7793-95 ,3SPF , 7829-32 , 3SPF , 7867-71, 3SPF , BROKE @ 2442 , IR 50 , IP 4380 , ISIP 2000 , FG .68 , MP 4420 , MR 50.3 , AP 4085 , AR 50.1 , FG .78 , ISIP 2700 , NPI 700 , CLEAN 1335 BBLS , SAND 49,843#

STAGE 6# SET CBP @ 7677', PERF 7548-54, 7643-47, 4SPF, 40 HOLES. SWI6:PM

PROG: STAGE 6: OPEN WELL: 1760 PSI. BRK: 3461 PSI, ISIP: 2000 PSI. FG: 0.69. FRAC STAGE W/SLICK. TOT SND: 33,600 LBS, TOT FL: 949 BBL. MR: 50.3 BPM, MP: 4502 PSI, AR: 50.2 BPM, AP: 4206 PSI.

STAGE 7: PU 4.5" BAKER CBP & 3-3/8" GUN. RIH, SET CBP@ 6677'. PU, PERF: 6642-47' (4 SPF), PU, PERF: 6522-25' (3 SPF), PU, PERF: 6413-16' (4 SPF). TOT OF 41 HOLES. POOH, LD WL TLS. MU BJ. REPAIR LEAKING FRAC VALVE FLNG. OPEN WELL: 290 PSI, BRK: 2614 PSI, ISIP: 1500 PSI, FG: 0.66. FRAC STAGE W/SLICK WATER. TOT SND: 34,250 LBS, TOT FL: 933 BBL. ISIP: 2000 PSI, FG: 0.73. MR: 51.5 BPM, MP: 3660 PSI, AR: 51.4 BPM, AP: 3355 PSI.

07/27/06

STAGE 8: PU 4.5" BAKER 8K CBP & PERF GUN. RIH, SET CBP @ 6223'. PU, PERF: 6189-93', PU, PERF: 5843-49'. POOH, LD WL TLS. MU BJ. OPEN WELL: 190 PSI, BRK: 1964 PSI, ISIP: 1600 PSI, FG: 0.70. FRAC STAGE W/SLICK WATER. TOT SND: 21,400 LBS, TOT FL: 626 BBL. ISIP: 1900 PSI, FG: 0.74. MR: 51.5 BPM, MP: 3338 PSI, AR: 51.3 BPM, AP: 3059 PSI.

PU 4.5" CBP, RIH, SET @ 5780'. RDMO CWLS & BJ SERV. ND FRAD VALVE STACK, NU BOP. RU TBG EQUIP. PU 3-7/8" BIT & NEW STYLE FE POBS. RIH W/ BIT, SUB & TBG. TAG KILL PLUG. STAND BACK 2 STANDS. X-OVER EQUIP TO PWR SWVL. SWI, SDFN.

07/28/06

PROG: 7:AM HSM. OPEN WELL. RU DRILL EQUIP. BROKE CONV CIR. DRILL UP 1# CBP @ 5820', 200 PSI INC. RIH TAG @ 6193', 30 SAND. DRILL DOWN TO 2# CBP @ 6223'. DRILL UP CBP, 200 PSI INC. RIT TAG @ 6647', 30' SAND. DRILL DOWN TO 3# CBP @ 6677'. 200 PSI INC. RIH TAG @ 7647'. 30' SAND. DRILL DOWN TO 4# CBP @ 7677'. DRILL UP CBP. 200 PSI INC. RIH, TAG @ 7870, 31' SAND. DRILL DOWN TO 5# CBP @ 7901'. DRILL UP CBP. 200 PSI INC. RIH TAG @ 8319', 30' SAND. DRILL DOWN TO 6# CBP. DRILL UP CBP. 200 PSI INC. RIH TAG @ 8755', 30' SAND. DRILL DOWN TO 7# CBP @ 8785'. DRILL UP CBP. 250 PSI INC. RIH TAG @ 9037', 30' SAND. DRILL DOWN TO 8# CBP @ 9067'. DRILL UP CBP. 250 PSI INC. RIH TO PBTD @ 9466'. CIR WELL. RD DRILL EQUIP. POOH LD EXCESS TBG. 265 JTS IN WELL, LAND TBG. EOT @ 8403.06. ND BOP. NU WELLHEAD. DROP BALL. POBS. PUT WELL FLOWING TO PIT W/ 1500 PSI ON CSG, 20/64 CHOKE IN TBG LINE. RD RIG. TURN WELL OVER TO FLOWBACK CREW 3:PM

07/31/06

PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2100#, TP: 1175 #, 22/64 CHK, 30 BWPH, 24 HRS, SD: TRACE, TTL BBLS FLWD: 875 BBLS, TODAYS LTR: 6063 BBLS, LOAD REC TODAY: 875 BBLS, REMAINING LTR: 5188 BBLS, TOTAL LOAD REC TO DATE: 6205 BBLS.

ON SALES

07/29/06: 390 MCF, 0 BC, 1200 BW, TP: 1400#, CP: 1500#, 22/64 CHK, 24 HRS, LP: 340#.

08/01/06

PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1850#, TP: 1025 #, 22/64 CHK, 25 BWPH, 24 HRS, SD: CLEAN, TTL BBLS FLWD: 670 BBLS, TODAYS LTR: 5188 BBLS, LOAD REC TODAY: 670 BBLS, REMAINING LTR: 4518 BBLS, TOTAL LOAD REC TO DATE: 6875 BBLS.

ON SALES

07/30/06: 874 MCF, 0 BC, 1080 BW, TP: 1350#, CP: 2450#, 22/64 CHK, 24 HRS, LP: 166#.

08/02/06 ON SALES

07/31/06: 1180 MCF, 0 BC, 720 BW, TP: 1175#, CP: 2075#, 22/64 CHK, 24 HRS, LP: 132#.

STATE OF UTAH AMENDED REPORT FORM 8 DEPARTMENT OF NATURAL RESOURCES (highlight changes) 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING STUO-1194-A-ST 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG UNIT or CA AGREEMENT NAME 1a. TYPE OF WELL: WELL GAS Z DRY OTHER UNIT #891008900A WELL NAME and NUMBER: b. TYPE OF WORK: EN DIFF. RESVR. NBU 921-34H Entry □ OTHER 9. API NUMBER: 2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP 4304736390 10 FIELD AND POOL, OR WILDCAT 3. ADDRESS OF OPERATOR: PHONE NUMBER STATE UT ZIP 84078 **NATURAL BUTTES** (435) 781-7024 1368 S 1200 E CITY VERNAL QTR/QTR, SECTION, TOWNSHIP, RANGE, 4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2163'FNL, 839'FEL SENE 34 9S 21E AT TOP PRODUCING INTERVAL REPORTED BELOW: 12. COUNTY 13. STATE AT TOTAL DEPTH: **UTAH** UINTAH 17. ELEVATIONS (DF, RKB, RT, GL): 14. DATE SPUDDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: ABANDONED READY TO PRODUCE [7] 5043'GL 5/30/2006 7/8/2006 7/29/2006 19. PLUG BACK T.D.: MD 9,466 18. TOTAL DEPTH: 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD 9.505 PLUG SET TVD TVD 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) NO 🔽 YES WAS WELL CORED? (Submit analysis) CBL-CCL-GR ио 🔽 WAS DST RUN? YE\$ (Submit report) NO 🔽 DIRECTIONAL SURVEY? YES (Submit copy) 24. CASING AND LINER RECORD (Report all strings set in well) SLURRY VOLUME (BBL) STAGE CEMENTER **CEMENT TYPE &** AMOUNT PULLED BOTTOM (MD) CEMENT TOP ** SIZE/GRADE WEIGHT (#/ft.) TOP (MD) HOLE SIZE DEPTH NO OF SACKS 20" 28 14" STL 36.7# 40 32.3# 36# 12 1/4" H-40 2.540 450 9 5/8 7 7/8" 9,505 1616 4 1/2 1-80 11.6# 25. TUBING RECORD DEPTH SET (MD) PACKER SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) PACKER SET (MD) SIZE SIZE DEPTH SET (MD) 2 3/8" 8.403 26. PRODUCING INTERVALS 27. PERFORATION RECORD NO. HOLES PERFORATION STATUS BOTTOM (MD) TOP (TVD) BOTTOM (TVD) INTERVAL (Top/Bot - MD) SIZE FORMATION NAME TOP (MD) Squeezed (A) WASATCH 5,843 6,647 5,843 6,647 0.35 81 7,548 9,382 0.35 263 Squeezed Open (B) **MESVARDE** 7,548 9,382 Open Squeezed (C) (D) Open Squeezed

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

(5/2000)

DEPTH INTERVAL

MOUNT AND TYPE OF MATERIAL

5843'-6647'

PMP 1559 BBLS SLICK H2O & 55,650# 30/50 SD

7548'-9382'

PMP 9834 BBLS SLICK H2O & 361,937# 30/050 SD

29. ENCLOSED ATTACHMENTS:				30. WELL STATUS:
ELECTRICAL/MECHANICAL LOGS	GEOLOGIC REPORT	DST REPORT	DIRECTIONAL SURVEY	PROD

CORE ANALYSIS

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

(CONTINUED ON BACK)

OTHER:

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INTERVAL A (As shown in item #26) 31. INITIAL PRODUCTION WATER - BBL: PROD. METHOD: GAS - MCF TEST PRODUCTION OIL - BBL DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: RATES: 1,305 600 **FLOWING** 8/2/2006 24 7/29/2006 WATER - BBL INTERVAL STATUS: BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: CHOKE SIZE: TBG. PRESS CSG. PRESS. API GRAVITY RATES: **PROD** 1,305 600 22/64 859 1,640 n INTERVAL B (As shown in Item #26) DATE FIRST PRODUCED: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: TEST DATE: RATES: -**FLOWING** 1,305 600 7/29/2006 8/2/2006 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: GAS/OIL RATIO API GRAVITY BTU - GAS CHOKE SIZE: TBG. PRESS CSG. PRESS. RATES: 1,640 0 1,305 600 PROD 859 22/64 INTERVAL C (As shown in item #26) PROD. METHOD: GAS - MCF: WATER - BBL: TEST PRODUCTION OIL - BBL: DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: RATES: → INTERVAL STATUS: 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - 8BL: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO INTERVAL D (As shown in Item #26) TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: HOURS TESTED: DATE FIRST PRODUCED: TEST DATE: RATES INTERVAL STATUS: WATER - BBL CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: RATES: 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) SOLD 34. FORMATION (Log) MARKERS: 33. SUMMARY OF POROUS ZONES (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Top (Measured Depth) Bottom Name Formation Descriptions, Contents, etc. (MD) 4,763 WASATCH 7,518 **MESAVERDE** 7,518

35. ADDITIONAL REMARKS (include plugging procedure)

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST 8/28/2006	36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.					
//////////////////////////////////////	NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST				
SIGNATURE DATE 0/26/2000	SIGNATURE ////////////////////////////////////	DATE 8/28/2006				

This report must be submitted within 30 days of

- · completing or plugging a new well
- · drilling horizontal laterals from an existing well bore
- · recompleting to a different producing formation
- · reentering a previously plugged and abandoned well
- · significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(I) KerrMcGee

Kerr-McGee Oil & Gas Onshore LP 1999 Broadway, Suite 3700 Denver, CO 80205

February 28, 2007

Division of Oil, Gas and Mining Attn: Gil Hunt P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Water Disposal Well proposal NBU 921-34H SWD

2141' FNL, 767' FEL (SE/4NE/4) Sec 34-9S-21E

Uintah County, Utah Natural Buttes Unit

Dear Mr. Hunt,

Kerr-McGee Oil & Gas Onshore LP proposes to drill the NBU 921-34H SWD well to the Bird's Nest of the Green River formation using the existing NBU 921-34H well pad. The well is owned by Kerr-McGee 100%. We must notify all owners within one-quarter mile of the well site prior to filing the UIC. Please feel free to contact me at (720) 264-6698 should you have any questions. Thank you for your assistance.

Sincerely,

Beau Colligar Landman

mac un the

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED MAR 0 5 2007

STATE OF UTAH

,	DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS AND N			5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-1194-ST
SUNDRY	NOTICES AND REPORT	TS ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill n drill horizontal la	ew wells, significantly deepen existing wells below of terrals. Use APPLICATION FOR PERMIT TO DRIL	current bottom-hole dep L. form for such proposa	th, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: NATURAL BUTTES UNIT
TYPE OF WELL OIL WELL	GAS WELL 🗹 OTHER			8. WELL NAME and NUMBER: NBU 921-34H
2. NAME OF OPERATOR: KERR McGEE OIL & GAS	CONCLODE LD			9. API NUMBER: 43047363 89 -390
3. ADDRESS OF OPERATOR:			PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
	Y VERNAL STATE UT	_{ZIP} 84078	(435) 781-7024	NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 21631	FNL 839' FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: NENE 34 9S	21E		STATE: UTAH
11. CHECK APPE	ROPRIATE BOXES TO INDICA	ATE NATURE	OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		Т	YPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	☐ NEW CONS	TRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR	R CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BAC	<	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTI	ON (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATION	IS RECLAMAT	ION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLI	TE - DIFFERENT FORMATION	4
				COPY SENT TO OPERATOR
				Date: 11.13.2608
				Initials: K5
NAME (PLEASE PRINT) SHEILA U	JPCHEGO	TIT	LE REGULATORY	'ANALYST
SIGNATURE DIM A	panego we	DA	11/6/2008	
(This space for State use AIPPRO OF U OIL, (DATE:	VED BY THE STATE TAH DIVISION OF GAS, AND MINING IN 10 08	Federa Actic	Approval Of This n is Necessary	RECEIVED NOV 1 0 2008

(5/2000)

DIV. OF OIL, GAS & MINING

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

A remedial cement job is required on CIGE 114 SWD (injection well) prior to receiving authorization to begin injection. See Appendix E for details. A cement bond log (CBL) will be performed to determine if the bond is adequate. If the CBL does not show >80% bond, then Part II Mechanical Integrity demonstration will be required. A radioactive tracer survey (RTS) and temperature logging will be required prior to receiving authorization to inject. The RTS demonstration will be required every 5 years thereafter and the temperature log will be required annually.

Both wells, NBU 921-34H and NBU 442 are located within the Area of Review (AOR) and require corrective action and/or Part II Mechanical Integrity demonstration. It is noted that all perforations are from the cutters GR-CBL-CCL- dated July 24, 2006.

NBU 921-34H

TD: 9505 ft

TOC: Unknown, No CBL for the surface casing (0-2540 ft)

Distance: 1224 ft to the North

Cement through confining zone (CZ): unknown; no CBL log for the surface casing

which is set at 2450 ft

Corrective Action: A remedial cement job will be performed through upper CZ; then a radioactive tracer survey will ran through both the upper and lower CZ to determine if there is adequate cement behind pipe to inhibit fluid movement. Some deviations may occur if approved by EPA in advance; the following procedure will be performed:

- 1. Set RBP (retrievable bridge plug) at ~2200 ft and cap with 10 ft of sand. Set packer at ~1400 ft and pressure test RBP to 1000 psi. Reset packer at ~1300 ft and pressure test annulus to 1000 psi.
- 2. Upper CZ: The well will be perforated at 1370 ft with 4 SPF. Cement will be squeezed on the backside from ~1370-1641 ft using ~148 sacks of class G or 100% excess of volume to fill 12.25" borehole with 9.625" casing annular void estimated from calculations.
- 3. Drill out cement and test squeeze to 500 psi.
- 4. Perforate at 1675 ft and 1925 ft with 4 SPF. Set a packer at ~1800 ft and conduct a radioactive tracer survey to demonstrate external mechanical integrity across the top of the lower confining zone at 1955 ft.
- 5. Release packer and retrieve RBP. Reset RBP at ~1800 ft and packer at ~1600 ft. Conduct a radioactive tracer survey to demonstrate external mechanical integrity

across the base of the upper confining zone at 1641 ft.

- 6. Reset RBP at ~2200 ft and cap with 10 ft of sand. Set the packer at ~1875 ft and cement squeeze perforations at 1925 ft with sufficient volume to reach 1380 psi bottom hole squeeze pressure.
- 7. Reset packer at ~1625 ft and cement squeeze perforations at 1675 ft with sufficient volume to reach 1210 psi bottom hole squeeze pressure.
- 8. Drill out cement plugs and pressure test to 500 psi. Retrieve RBP and clean out to PBTD. Clean out to PBTD and land tubing at ~8400 ft.
- 9. An annual temperature log will be required annually after injection begins to demonstrate that fluids are not moving behind pipe and out of the permitted injection zone.

NBU 442 TD: 9188 ft

TOC: Unknown, No CBL for the surface casing (0-1994 ft)
Distance: ~1350 ft to the West (30 ft outside of ¼ mile)
Cement through CZ: unknown bond in upper CZ and 0% bond in lower CZ
Corrective Action: Annual Temperature Log to monitor for fluid movement behind casing.

Note: All logs shall be submitted to the Director as part of the Annual Report. If the results of the Temperature logging show any indication of Bird's Nest formation fluids moving out of zone, the well will be shut-in and EPA will re-evaluate the authorization to inject into the formation, and consider other options which could include corrective action and/or limited injection up to prohibition to inject. The temperature log results will be evaluated annually to determine if the requirement can be removed.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

This space for State use only) APPROVED BY THE STATE	RECEIVED
NAME (PLEASE PRINT) SHEILA UPCHEGO SIGNATURE DATE	REGULATORY ANALYST 11/6/2008
	COPY SENT TO OPERATOR Date: 11 · 210 · 2008 Initials: 45
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details inclu KERR MCGEE OIL AND GAS ONSHORE LP REQUESTS TO COMMEN PERMIT NUMBER UT21145-07823. PLEASE SEE ATTACHED.	
(Submit Original Form Only) Date of work completion: CHANGE WELL STATUS PRODUCTION COMMINGLE PRODUCING FORMATIONS RECLAMATIO CONVERT WELL TYPE RECOMPLETE	WATER DISPOSAL WATER SHUT-OFF NOF WELL SITE OTHER: Remedial (ement
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR CHANGE TO PREVIOUS PLANS PLUG AND AB	RUCTION TEMPORARILY ABANDON CHANGE TUBING REPAIR SANDON VENT OR FLARE
TYPE OF SUBMISSION TYPE	PE OF ACTION
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 34 9S 21E 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE O	STATE: UTAH
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2163' FNL 839' FEL	(435) 781-7024 NATURAL BUTTES COUNTY: UINTAH
KERR McGEE OIL & GAS ONSHORE LP 3. ADDRESS OF OPERATOR:	4304736 389 - 39 <i>O</i> PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: NBU 921-34H 9. API NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	reenter plugged wells, or to 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
SUNDRY NOTICES AND REPORTS ON WELL	C. IE INDIAN ALLOTTES OF TRIPS NAME
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-1194-ST

(5/2000)

OF UTAH DIVISION OF OIL, GAS, AND MINING

RECEIVED NOV 1 2 2008

DIV. OF OIL, GAS & MINING

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

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	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: STUO-1194-AST		
SUNDF	RY NOTICES AND REPORTS (ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e igged wells, or to drill horizontal laterals. Uso		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 921-34H
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047363900000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2163 FNL 0839 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SENE Section: 34	P, RANGE, MERIDIAN: Township: 09.0S Range: 21.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
THE OPERATOR HAS WELL. IN ACCORDIA	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION UBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION PERFORMED THE REMEDIAL CIONCE WITH THE CORRECTIVE AUT21145-07823. PLEASE REFE CHRONOLOGICAL WELL HISTO	EMENT ON THE SUBJECT CTIVITIES FOR THE EPA R TO THE ATTACHED ORY.	Accepted by the Utah Division of Oil, Gas and Mining
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Sheila Wopsock SIGNATURE N/A	435 781-7024	Regulatory Analyst DATE 5/25/2010	

US ROCKIES REGION **Operation Summary Report** Spud Date: 6/26/2006 Well: NBU 921-34H Project: UTAH-UINTAH Site: NBU 921-34H Rig Name No: SWABBCO 1/1 Event: RE ENTER Start Date: 2/17/2009 End Date: 3/4/2009 Active Datum: RKB @5,056.99ft (above Mean Sea UWI: NBU 921-34H Level) Time MD From Date Duration Phase Code Sub P/U Operation Start-End (hr) Code (ft) 2/16/2009 7:00 - 15:00 8.00 WO/REP 07 Р HSM RRTL SPOT ALL EQUIPMENT RIG UP GUY OUT LAY HARDLINE KILL TBG NDWH NUBOP KILL CSG UNLTBG TOH TALLYING 265 JNTS SWI SDFN 2/17/2009 7:00 - 13:30 6.50 WO/REP 07 HSM R/U WIRELINE KILL WELL RIH SET 5K CBP @ 2520' LOAD & TEST CSG = FAILED PLUG LEAKING SET 2ND CBP @ 2490' TEST CSG = GOOD TEST TO 1000 PSI HELD 10 MIN PERF @ 1370' WELL ON VACUME TIH PKR & 32 JNTS SET @ 1028' R/U CEMENTERS EST INJ RATE OF 2 BPM @ 200 PSI P/200 SKS 2% G-NEAT WELL ON VACUME LET WELL PULL FLUSH FROM TRUCK SWI @ 7 BBLS INTO FLUSH FLUID STILL FALLING SWI WITH 160' OF CEMENT IN CSG BUT DROPPING SDEN 7:00 HSM PUMP 500 PSI BELOW PKR HELD 10 MIN = 2/18/2009 - 10:00 3.00 WO/REP CEMENT OVER PERFS RELEASE PKR TOH TIH 3 7/8 BLADE BIT TAG CEMENT @ 1327' WITH JNT 42 = ONLY 43' OF CEMENT TO PERFS SWIVEL UP WITH JNT 42 BREAK CIRC DRILL 15' OF CEMENT TO 1342' CEMENT VERY GREEN CIRC HOLE CLEAN LEAVING 28' OF CEMENT TO PERFS HUNG SWIVEL TOH 2 JNTS SWI SDFN LET CEMENT HARDEN 2/19/2009 7:00 - 15:00 8.00 WO/REP HSM TIH 2 JNTS P/U SWIVEL WITH JNT 43 DRILL CEMENT CEMENT VERY HARD DRILL CEMENT 30' PAST PERFS @ 1370' ??? HAD 4 SMALL SLIVERS OF METAL IN RETURNS POSSIBLE CSG FROM PERFS SWIVEL IN 100' PAST PERFS PRESSURE TEST = FAILED @ 200 PSI HUNG SWIVEL TOH TIH PKR & 32 JNTS SET PKR @ 1028' PRESSURE TEST ABOVE PKR TO 500 PSI = GOOD TEST WAIT ON CEMENT R/U CEMENTERS EST INJ RATE OF 2 BPM @ 400 PSI P/250 SKS 2% G-NEAT LOST ALL PRESSURE 100 SKS IN LET WELL PULL FLUSH FROM TRUCK ALMOST LEVELED OFF @ 6 1/2 BBLS INTO FLUSH MOVING VERY SLOWLY SWI WITH 7 BBLS IN ON FLUSH LEAVING CEMENT TOP @ 1220' = 150 ABOVE PERFS SDFN 7:00 2/20/2009 WO/REP HSM PRESSURE TEST BELOW PKR TO 1000 PSI - 10:00 3.00 07 = GOOD TEST = CEMENT OVER PERFS RELEASE PKR TOH TIH BIT & 20 JNTS TAG CEMENT @ 1260' = 110' OVER PERFS P/U SWIVEL WITH JNT 40 START DRILLING CEMENT DRILL CEMENT TO 1305' STILL GREEN HUNG SWIVEL TOH 2 JNTS SWI SDFWE 2/23/2009 7:00 - 18:30 11.50 WO/REP HSM SWIVEL UP WITH JNT 43 DRILL CEMENT TO 1402' = 32' PAST PERFS TEST SQUEEZE TO 1000 PSI HELD 20 MIN = GOOD TEST TIH TO 1570' LD 10 JNTS TOH 19 STANDS R/U WIRELINE RIH PERF @ 1925' & 1675' TIH PKR & RBP SET RBP @ 1978' & PKR @ 1851' BREAK INTO PERFS @ 1/4 BPM @ 3400 PSI UNABLE TO BREAK DOWN TIH LATCH PLUG SET RBP @ 1725' SET PKR @ 1597' BREAK DOWN PERFS @ 3100 PSI EST INJ RATE OF 1 BPM @ 1500 PSI RUN RAT TEST = GOOD TEST TIH LATCH PLUG TOH SWI SDFN

5/25/2010 1:53:29PM 1

US ROCKIES REGION **Operation Summary Report** Well: NBU 921-34H Spud Date: 6/26/2006 Project: UTAH-UINTAH Site: NBU 921-34H Rig Name No: SWABBCO 1/1 Event: RE ENTER Start Date: 2/17/2009 End Date: 3/4/2009 Active Datum: RKB @5,056.99ft (above Mean Sea UWI: NBU 921-34H Level) P/U MD From Date Time Duration Phase Code Sub Operation Start-End Code (ft) (hr) 2/24/2009 7:00 - 18:00 11.00 WO/REP 07 Ρ HSM R/U HALLIBURTON EST INJ RATE OF 1/2 BPM @ 2600 PSI P/3 BBLS 15% ACID FLUSH WITH 5 BBLS ACID @ PERFS PRESSURE DROP TO 500 PSI FLUSH WITH 23 BBLS TO GET ACID AWAY FROM PIPE FINAL INJ RATE OF 2 BPM @ 1090 PSI R/D HALLIBURTON R/U WIRELINE RUN RATS TEST SHOWS GOOD CONTAINMENT ON LOWER CONFINING ZONE R/D WIRELINE TOH PKR TIH CICR SET @ 1883' STINGER PULLED FREE WHILE SETTING RETAINER @ 20,000 # 1ST PULL INTO CICR TOH CICR BROKE @ SHEAR RING ALL OF STINGER OUT OF HOLE & SHEAR RING TIH 3 7/8 BLADE BIT & 59 JNTS START DRILLING ON CICR PERFS @ 1675 TAKING TO MUCH FLUID UNABLE TO KEEP GOOD CIRC HUNG SWIVEL TOH BLADE BIT TIH 3 7/8 ROCK BIT SWI SDFN 2/25/2009 7:00 - 14:00 7.00 WO/REP 07 HSM TIH 2 JNTS P/U SWIVEL BREAK CIRC WITH FOAM UNIT DRILL ON CICR FELL FREE IN 1 1/2 HRS SWIVEL IN TO 2020' = 95' PAST PERFS HUNG SWIVEL TOH TIH CICR SET @ 1883' R/U CEMENTERS P/100 SKS G-NEAT FOLLOWED BY 100 SKS 2% G-NEAT SQUEEZE OUT BELOW PKR @ 500 PSI STUNG OUT LEAVING 1/2 BBL CEMENT ON CICR TOH TIH 4 1/2 PKR SET @ 1440' TEST ABOVE PKR TO 500 PSI = GOOD TEST P/200 SKS 2% G-NEAT WELL ON VACUME LET WELL PULL FLUSH FROM TRUCK SWI WITH 7 1/2 BBI S IN ON FLUSH CEMENT STILL DROPPING VERY SLOWLY SWI WITH CEMENT TOP @ 1530' = 145' OF CEMENT ABOVE PERFS @ 1675' SDFN 2/27/2009 7:00 - 18:00 11.00 WO/REP HSM TEST BELOW PKR TO 500 PSI = GOOD TEST TOH PKR TIH 3 7/8 ROCK BIT TAG CEMENT @ 1500' WITH JNT 47 = 175' OF CEMENT TO PERFS @ 1675' SWIVEL UP WITH JNT 48 DRILL CEMENT to 1685' = 10' PAST PERFS SWIVEL IN TO 1722' TEST CSG TO 1000 PSI HELD 20 MIN = GOOD TEST SWIVEL IN TAG CEMENT @ 1827' = 56' OF CEMENT ON CICR @ 1883' DRILL CEMENT TO CICR WITH JNT 59 DRILL ON CICR 1 1/2 HRS ACTS LIKE BIT IS WORE OUT HUNG SWIVEL TOH CHANGE BIT TIH DRILL ON CICR UNTIL 5:00 PM HUNG SWIVEL TOH 2 JNTS SWI SDFWE 3/2/2009 7:00 HSM P/U SWIVEL WITH JNT 59 DRILL ON CICR @ - 16:30 9 50 WO/REP 07 Р 1883' FINISH DRILLING CICR @ 1:30 PM DRILL CEMENT TO 1935' = 10' PAST PERFS @ 1925' SWIVEL IN TO 1975' TEST SQUEEZE TO 1000 PSI HELD 20 MIN = GOOD TEST HUNG SWIVEL LD 16 JNTS TOH 23 STANDS CHANGE BIT TIH 3 7/8 ROCK BIT & 79 JNTS TAG CICR @ 2480' SWI SDFN 7:00 - 20:00 3/3/2009 13 00 WO/RFP 07 HSM P/U SWIVEL BREAK CIRC WITH FOAM UNIT DRILL UP CICR & CBP'S @ 2490' & 2520' HUNG SWIVEL LD 6 JNTS TIH TAG FILL @ 9271' WITH

5/25/2010 1:53:29PM 2

JNT 293 P/U SWIVEL WITH JNT 293 BREAK CIRC CLEAN OUT TO 9360' WITH JNT 296 HIT OLD POBS = 106' TO PBTD = PERFS @ 9379' - 9382' STILL COVERED ICRC HOLE CLEAN HUNG SWIVEL LD 32 JNTS TOH 42 STANDS TO 5700' =

143' ABOVE TOP PERF SWI SDFN

US ROCKIES REGION								
	Operation Summary Report							
Well: NBU 921-34H Spud Date: 6/26/2006								
Project: UTAH-U	IINTAH		Site: NBU	: NBU 921-34H Rig Name No: SWABBCO 1/1			Rig Name No: SWABBCO 1/1	
Event: RE ENTE	R		Start Date	e: 2/17/20	: 2/17/2009 End Date: 3/4/2009			End Date: 3/4/2009
Active Datum: R Level)	KB @5,056.99ft (abov	ve Mean Sea	l	UWI: NE	3U 921-3	4H		
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/4/2009	7:00 - 15:00	8.00	WO/REP	07		Р		HSM OPEN WELL TO TANK FOR 1 1/2 HRS TO RELEAVE 02 FROM WELL KILL TBG TOH REMOVE BIT TIH PSN & 265 JNTS LTBG @ 8392' R/U SWAB BROACH TBG R/D SWAB NDBOP NUWH R/O PUMP & TANKS & SWIVEL RDMO

5/25/2010 1:53:29PM 3